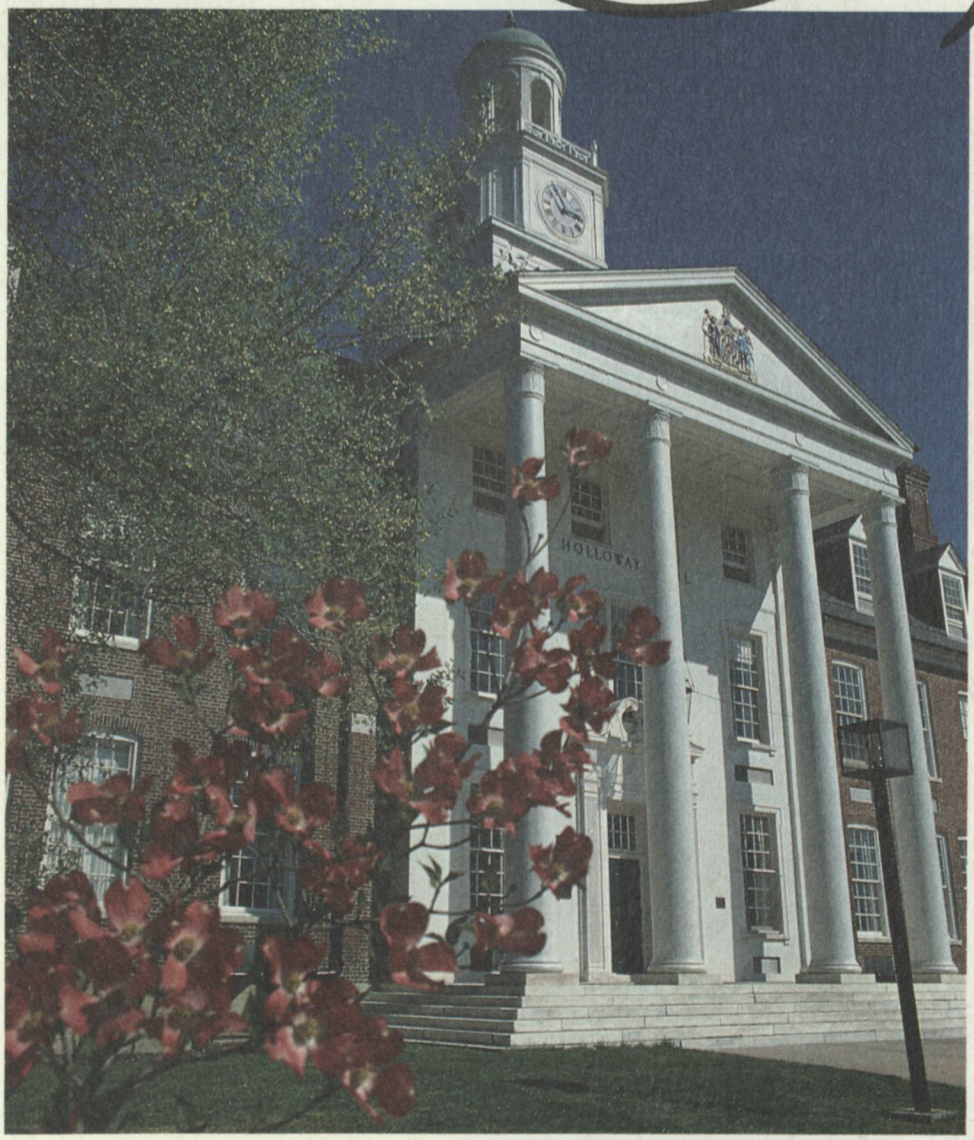
Salisbury

STATE COLLEGE



• 1985/86 CATALOGUE •

Salisbury
STATE COLLEGE

1985-86

Salisbury, Maryland 21801

Correspondence

The Mailing Address:

Salisbury State College
Salisbury, Maryland 21801

The Telephone Number:

Area Code 301 543-6000

Specific correspondence should be addressed as follows:

Admission ..... Dean of Admissions
Transcript of Record ..... Registrar
Business Matters ..... Director of Business and Financial Affairs
General Matters ..... Director of Public Relations
Summer School..... Dean of Continuing Education
Graduate School ..... Dean of Graduate Studies

Notice to Students

This catalogue is a guide for information and not a contract. The College reserves the right to change requirements for degrees, prerequisites, fees, scheduling and related matters. All such changes are implemented in such a way that any new curricular requirements will work no hardship on a student who has entered under an earlier set of requirements. Official listings of course offerings are provided in *The Schedule of Semester Course Offerings* which is published biannually by the Office of the Registrar for those periods designated for semester registration.

Family Educational Rights and Privacy Act

Salisbury State College will assume the right, under the provisions of the Family Educational Rights and Privacy Act, to provide student directory information without prior consent of the student. Directory information is defined as a student's name, local address (if listed), date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of an athletic team member, dates of attendance, degrees and awards received, most recent previous educational agency or institution attended, listing of officers of student organizations (including names and addresses).

In the event a student wants more than directory information released, please notify the Dean of Students Office, Holloway Hall.

Salisbury State College
Equal Opportunity Policy

It is the policy of Salisbury State College to provide equal employment opportunities without regard to race, color, religion, national origin, sex, age, marital status or handicap. This policy extends to all levels and phases of employment.

For more information concerning the College's compliance with Title VII of the Civil Rights Act of 1964 (as amended), Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973 and other equal opportunity regulations, please contact the Affirmative Action Officer, Salisbury State College, Salisbury, Maryland 21801.

Accredited By:

American Medical Association Council on Medical Education
Middle States Association of Colleges and Schools
National Accrediting Agency for Clinical Laboratory Sciences
National Association of State Directors of Teacher Education and Certification
National League for Nursing
National Council for Accreditation of Teacher Education
Council of Social Work Education

Designated As:

Maryland State Publications Depository
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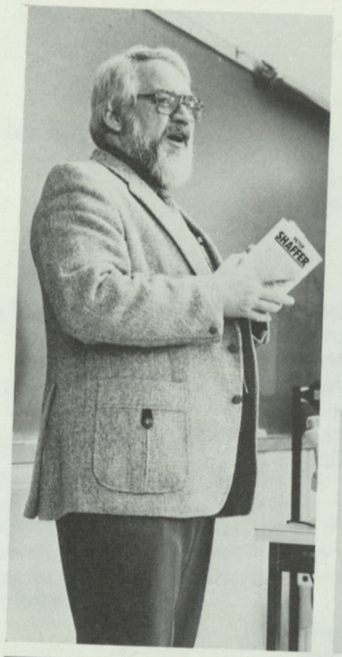
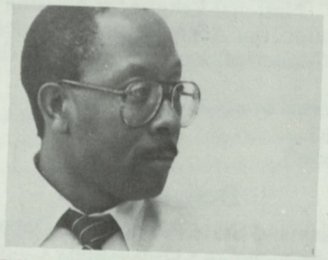
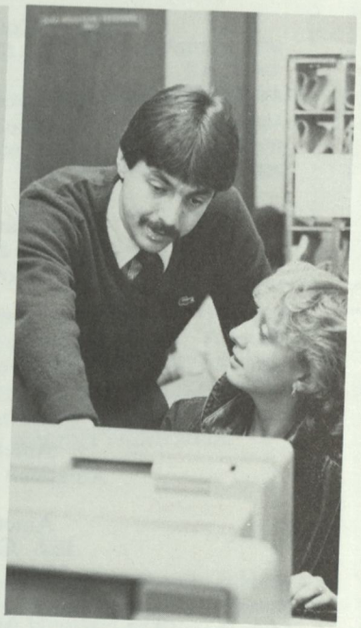
Member Of:

American Association for Higher Education
American Association of State Colleges & Universities
American Council on Education
American Educational Research Association
College Entrance Examination Board
North Eastern Association of Graduate Schools
Council on Social Work Education
The National Accrediting Agency for Clinical Laboratory Sciences







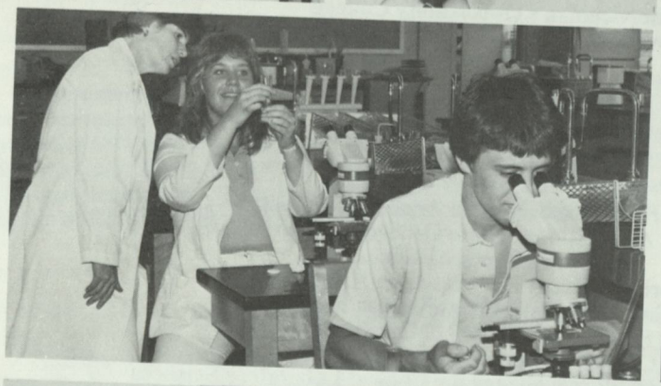


Table of Contents

Academic Calendar 6
The College 9
Admission 12
Division of Graduate Study 21
Continuing Education 21
College Expenses 24
Financial Aid 28
Student Services and Programs 32
Academic Policies 46
Academic Units and Programs 65
Courses of Instruction
- Accounting 106
- American Studies 107
- Art 107
- Biological Sciences 110
- Business Administration 113
- Communication Arts 115
- Computer Science 119
- Economics 120
- Education 122
- English 127
- General Studies 131
- Geography and Regional Planning 132
- Geology 135
- History 135
- Leisure Studies 139
- Liberal Studies 77
- Mathematical Sciences 139
- Medical Technology 142
- Military Science 143
- Modern Language and Intercultural Studies (French, German, Spanish) 144
- Music 149
- Nursing 152
- Philosophy 153
- Physical Education and Health 156
- Physical Sciences (Chemistry, Physics) 160
- Political Science 163
- Psychology 165
- Respiratory Therapy 167
- Social Science 169
- Social Work 169
- Sociology and Anthropology 171

Board of Trustees 174
Administration 175
Faculty 178
Emeriti 187
Index 188
Campus Map 191

NOTE

The male generic terms appearing throughout this catalogue refer to both males and females and are used for grammatical simplicity and semantic convenience.

Academic Calendar

Fall Semester 1985

Thursday	August 29	President's Faculty Meeting 9:30-12 Noon Academic Vice-President's Faculty Meeting 1:30 p.m.-3:30 p.m.
Friday	August 30	Faculty Development Workshop
Sunday	September 1	Residence Halls Open - 12:00 Noon
Monday	September 2	Labor Day
Tuesday	September 3	Registration: 8-11:30 a.m. Drop/Add: 1:30-5 p.m.
Wednesday	September 4	Classes Begin Late Registration Begins
Tuesday	September 10	End of Drop/Add (courses meeting two or more times per week - 6 p.m.) Late Registration Ends
Wednesday	September 11	Convocation 10-11 a.m. Holloway Hall Auditorium Schedule Adjustment Period (courses lasting all semester)
Saturday	October 5	Parents/Spouse Day
Monday	October 7	Last day to apply for May or August 1986 Graduation Schedule Adjustment Period Ends (courses meeting first 7 weeks)
Wednesday	October 23	Midsemester
Wednesday	October 30	Schedule Adjustment Period Ends (courses lasting all semester) Last day to receive "W's"
Monday Friday	November 4- November 22	Registration Pick-up and Program Planning for Spring and Winter term (Undergraduate degree students)
Saturday	November 9	Homecoming
Tuesday	November 26	Thanksgiving Holidays begin after last class
Wednesday Friday	November 27- November 29	Thanksgiving Holidays
Monday	December 2	Classes Resume
Friday	December 13	Classes End
Monday	December 16	Final Exams begin
Wednesday	December 18	Last day to pre-register for Winter Term
Friday	December 20	Final Exams End Dorms Close - 5 p.m. End of Semester - 10 p.m.
Saturday	December 21	Campus Closed

Winter Term 1986

Wednesday	January 1	Residence Halls Open for Winter Term - 12:00 Noon
Thursday	January 2	Winter Term Begins
Thursday Monday	January 2- January 6	Winter Term late registration and Drop/Add
Tuesday Thursday	January 7- January 16	Winter Term Schedule Adjustment Period
Friday	January 31	Winter Term Ends

Spring Semester 1986

Saturday	February 1	Residence Halls open - 12:00 Noon
Sunday	February 2	Registration: 8-11:30 a.m. Drop/Add: 1:30-5 p.m.
Monday	February 3	Classes Begin
Monday	February 10	End of Drop/Add (courses meeting two or more times per week - 6 p.m.) Late Registration Ends
Tuesday Monday	February 11- April 7	Schedule Adjustment Period (courses lasting all semester) Grades of "W" given for courses dropped
Friday	March 7	Last day to apply for December 1986 or January 1987 Graduation
Friday	March 21	Spring Vacation begins after last class - Residence Halls close
Monday Friday	March 24- March 28	Spring Vacation
Sunday	March 30	Residence Halls Open - 12:00 Noon
Monday	March 31	Classes Resume - Midsemester
Monday	April 7	End of Schedule Adjustment Period-Last day to receive "W's"
Monday Friday	April 14- April 25	Registration Pick-up, Program Planning, and Registration Undergraduate students)
Friday	May 2	Honors Convocation
Friday	May 16	Classes End
Monday	May 19	Final Exams Begin
Friday	May 23	Final Exams End Residence Halls Close - 5 p.m. End of Semester - 10 p.m.
Saturday	May 24	Commencement 10 a.m. Wicomico Youth and Civic Center

Summer Session 1986

Monday	June 9	Summer Session begins, Drop/Add Begins Late Registration Begins
Wednesday	June 11	End of Drop/Add and late registration
Thursday Wednesday	June 12- July 2	Schedule Adjustment Period End of Schedule Adjustment Period Grade of "W" given for courses dropped
Friday	July 4	Holiday (campus closed)
Friday	July 18	Summer Session Ends

Fall Semester 1986

Wednesday	September 3	Classes Begin

Day Class Meeting Times

Monday-Wednesday-Friday Day Classes

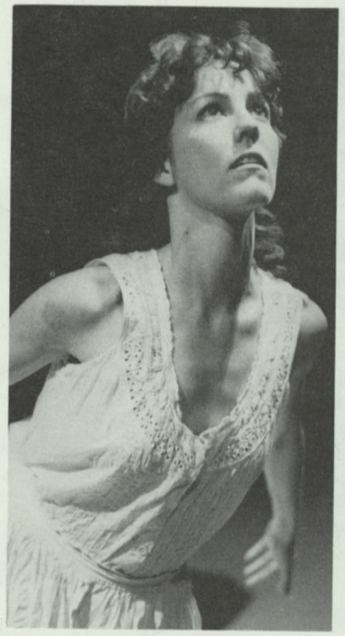
7:50 - 8:45 a.m.
8:55 - 9:50 a.m.
10:00 - 10:55 a.m.
11:05 - 12:00 a.m.
12:10 - 1:05 p.m.
1:15 - 2:10 p.m.
2:20 - 3:15 p.m.
3:25 - 4:50 p.m. (Monday-Wednesday)

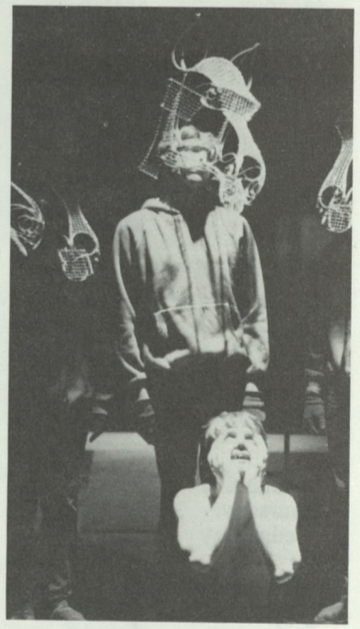
Tuesday-Thursday Day Classes

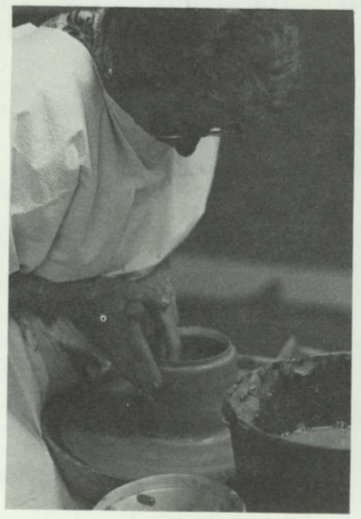
8:00 - 9:21 a.m.
9:30 - 10:51 a.m.
11:00 - 12:21 p.m.
12:30 - 1:51 p.m.
2:00 - 3:21 p.m.

Evening Class Meeting Times

7:00 - 9:55
7:00 - 8:25 (two meeting times)







The College

Mission Statement

The faculty and administration of Salisbury State College accept the responsibility to foster in our students an ability to obtain, understand and accurately assess information and ideas, to think reasonably and independently, and to speak and write intelligently and effectively.

In order to give focus and direction to the students' course of study, the College is committed to introducing students to a system of ideas about the nature of man, the universe, and the world created by art and thought. To this end, the College offers as the cornerstone of learning an integrated curriculum which examines the salient ideas in the humanities, social sciences, natural sciences and mathematics. This curriculum serves students both as the foundation for specialized study and as the source for a set of convictions which can guide the conduct of their lives.

Furthermore, the College assumes that what we teach and how we teach ought to foster in our students a disposition for responsible conduct. As such, we are committed to encouraging attitudes of integrity and fairness, respect for others, dedication to the pursuit of truth, and the willingness to uphold and to challenge one's own convictions. It is expected that these attitudes will instill in our students a desire to do things well, to sustain rather than disparage high principles, and to participate as informed, committed citizens in the public forum.

The College also assumes the responsibility to prepare students to work confidently and effectively in their chosen careers; to this end we provide practicable counseling and a number of professional and technical degree programs. Career preparation is not the exclusive province of such programs, however; certain attributes--the power to think clearly, judge soundly, and communicate effectively, the ability to interact with people in a productive and considerate way, and the capacity to adapt and learn in new and unfamiliar situations--must be learned in all courses. And, most important, we attempt to instill in our graduates a spirit of dedication to their vocations and a sense of service to society.

The College recognizes that the students have needs and interests that go beyond the scope of academic life, and we therefore provide additional services and sponsor extra and co-curricular activities which are consistent with the goals and purposes of the institution. Services that support the physical and mental health of the students, and activities such as student government, athletics and cultural events that enhance their lives, are sponsored by the College as necessary components of the education of the whole person.

Finally, we recognize the important contribution that the College and our faculty make to the local region and therefore provide to the surrounding community, when and where feasible, the cultural, social and professional resources of the College.

History

In 1922, the State Legislature established a commission to determine a location for a two-year college on the Eastern Shore of Maryland. A site at Salisbury was selected and the institution opened in September 1925. Since its founding, the College has successfully met the increasing demands of society for quality education and today offers a variety of undergraduate programs in Liberal Arts, in Sciences, and in the professional fields of Buisness Administration, Education, Medical Technology, Nursing, Respiratory Therapy and Social Work. In addition, the College's graduate division offers Masters degree programs in Business Administration, Education, English, History, Nursing, and Psychology.

Originally authorized as a college offering a two-year program, the course of study was increased to three years in 1931 and in 1934 to four years. Following this, and by action of the legislature of 1935, the College was authorized to grant the Bachelor of Science degree.

Expansion of the academic program occurred in 1947 and again in 1960, at which point four-year programs in both the arts and sciences with majors in a number of academic fields had been developed which provided students with a choice of either a Bachelor of Arts degree or a Bachelor of Science degree. In 1962, the State Board of Trustees approved a graduate program leading to the Master of Education. This was followed in 1971 with approval for a Master of Arts in History, in 1974 a Master of Arts in English, in 1975 a Master of Arts in Psychology, in 1981 a Master of Business Administration and in 1982 a Master of Science with Major in Nursing.

Today Salisbury State College stands as a nationally accredited four-year multi-purpose liberal arts college offering 34 distinct undergraduate and graduate degree programs in a friendly atmosphere that encourages close relationships between faculty and students.

Location

Salisbury State College is located on U.S. Route 13 at the southern edge of Salisbury, which has a metropolitan population of 50,000 and lies 32 miles west of Ocean City, Md., 115 miles southeast of Baltimore and Washington, 125 miles south of Philadelphia and 125 miles north of Norfolk, Va.

Organization

The general responsibility for the administration of the College has been assigned to the President who is appointed by the Board of Trustees of the State Universities and Colleges of Maryland.

To assist the President in the administration of the College, the Board has authorized three vice presidential positions: Vice President for Academic Affairs; Vice President for College Advancement; and Vice President for Administration. Appointments to these positions, to other administrative offices, and to the faculty and staff of the College are made by the Board upon the recommendation of the President.

The academic courses and programs of the College are offered in The School of Business Administration, The School of Liberal Arts, The School of Nursing and Health Sciences, The School of Professional Studies, and The School of Science. Deans, Department Heads, and individual faculty members are responsible to the Vice President for Academic Affairs in all matters pertaining to instruction. Graduate programs are offered through the Graduate School.

The School of Liberaral Arts includes the faculties of Art, Communication Arts, English, History, Liberal Studies, Modern Language, Music, Philosophy, Political Science, Psychology, and Sociology.

The School of Professional Studies includes the faculties of Education, Leisure Studies, Military Science, Physical Education, and Social Work.

The School of Science includes the faculties of Biology, Computer Science, Geography and Regional Planning, Mathematical Sciences, and Physical Sciences.

The School of Nursing and Health Sciences includes the faculties of Medical Technology, Nursing, and Respiratory Therapy.

The School of Business includes the faculties of Accounting, Business Administration, and Economics.

Facilities

Holloway Hall is primarily the administrative office building of the College. It contains most administrative offices, faculty offices and some classrooms. Also in Holloway are a modern 776-seat auditorium, Social Room and the National Ward Foundation Wildfowl and Woodcarving Museum.

Blackwell Library, near the center of the campus, houses 300,000 items in open stacks, including books, bound periodicals, government documents and a Curriculum Laboratory. The library subscribes to 1,500 periodicals and has extensive non-book resources including microforms, filmstrips, phono recordings and cassettes. The College Art Gallery is located on the second floor. The Gallery sponsors a diverse program of seven to eight art exhibitions each academic year.

Caruthers Hall, located near Route 13, to the right of the main entrance to the College, houses the Computer Center, the Reading Center, the Writing Center, the Math Center, Communications Center, teacher education offices, as well as classrooms, faculty offices and a 225-seat auditorium.

The Computer Center is located in the northeast complex of Caruthers Hall. The Administrative Computer System is a Digital Corporation VAX 11/750. The Academic Computer System is a Digital VAX 11/780 with on-line terminals and printers in three buildings: Caruthers, Holloway and Devilbiss Halls. Additional academic equipment available to students and faculty are 28 microcomputers, Tektronix Graphics equipment and an Optical Mark Sense Reader used to process examinations, evaluations and surveys.

The College Center, located between Devilbiss Hall and the Ruth Powell Dining Hall, includes a lounge, snack bar, Gull's Nest, bookstore, meeting rooms, commuter mail boxes, games room, service desk and staff offices.

Devilbiss Science Hall is located at the south end of the campus mall. In addition to its 22 classrooms and 27 offices, there are laboratories for Geography and Biological Sciences, Chemistry, Physics and Physical Science. Special features in this building are a theatre-lecture hall seating 224 and a greenhouse.

The Health Center, located in the south end of Holloway Hall, includes a waiting room, four treatment rooms, a combined utility room/laboratory and two offices.

The Musical Arts Center, situated at the Route 13 entrance, is an acoustically treated building, containing a 17-piano electronic piano laboratory, two classrooms and faculty offices.

Benn Maggs Physical Activities Center was completed early in 1977 and includes a large arena, swimming pool, wrestling room, dance studio, classrooms, offices, large multi-purpose gymnasium, three racquetball courts, varsity and intramural locker rooms, training room, equipment room and reception area.

Ruth Powell Dining Hall, near the center of the campus and completed in 1977, seats nearly 1,000 students and offers the latest collegiate kitchen equipment.

The President's Home is located on a wooded knoll on the southern edge of the campus.

Residence Halls: Wicomico Hall houses 106 students, Manokin Hall 94 students, Pocomoke Hall 104 students and Nanticoke Hall 150 students.

Choptank and Chester are identical six-story, air-conditioned residence halls for 221 students, each of which features on the first floor eight double bedrooms with two student baths, a manager's apartment, visitors' lounge, elevator and public toilets. Each of the five upper floors contains 20 double bedrooms, four student bathrooms, proctor's bedrooms and bath, snack room, student lounge and elevator.

Chesapeake Hall, the newest residence hall on campus, is a cluster type air-conditioned dorm for 184 students. Four double rooms are clustered around living room, a kitchenette and 2½ baths. Each cluster has its own entrance from the outside; there are no inside corridors.

The Sociology Building is a recently renovated brick house located in the southwest area of the campus near the Dogwood Drive parking lot.

The Maintenance Building is the newest facility on campus. It houses the Post Office, Central Stores and the car pool.

Tawes Hall contains the offices of student clubs and organizations, game room, meeting room, Student Program Board offices and staff offices.

Outdoor Athletic Facilities include multi-use stadium, varsity fields for soccer, baseball, softball and field hockey, practice fields, all-weather 400 meter track and 12 hard-surface tennis courts featuring plexi-pave surfaces and six lighted courts for night play. The baseball diamond features an Astroturf infield, the only one in the state.

Admission

General Information

The College invites applications from all who are interested in pursuing programs in 28 majors leading to undergraduate degrees or courses offered for graduate degrees. Qualification for admission is determined without regard to race, color, religion, national origin or sex. The College welcomes inquiries from all who seek its resources. Students who matriculate following acceptance assume the responsibility of upholding the standards and traditions of the College and adhering to its regulations.*

Applications for admission, catalogues and other information regarding the College may be obtained on request from the Dean of Admissions or from staff representatives at college night programs and individual high school and community college visits.

Campus Visitation Programs

The College encourages prospective students and their parents to tour the campus and confer with the Admissions staff. The Admissions Office provides regularly scheduled tours every Monday, Wednesday and Friday at 1:30 p.m. except holidays when the College is closed. Those who find the above times inconvenient are encouraged to call the Admissions Office for a specific appointment. All tours originate from the undergraduate Admissions Office.

In addition to weekday visitations, there are several Saturday Open Houses held during each semester. For more information about the Open House schedule, call or write the Admissions Office.

Admissions Policy and Procedures

Admission to Salisbury State College is granted to those applicants whose academic qualifications give promise of success in college. The evaluation of the applicant's chances for academic success is the responsibility of the Admissions Office which considers the applicant's high school records, the Verbal and Math scores on the Scholastic Aptitude Test (SAT) and the recommendations of the high school principals or guidance counselors. Students who exhibit a low scholastic average can compensate by exhibiting strong Verbal and Math scores on the Scholastic Aptitude Test. Conversely, students with low Scholastic Aptitude Test results but high scholastic averages will be considered favorably for admission.

The high school grade point average is based on grades earned in academic subjects in the freshman, sophomore, junior and senior years. Students planning to enter college are encouraged to complete the college preparatory curriculum in high school; however, completion of a college preparatory curriculum is not a condition of admission. Admission prior to graduation from high school is conditional upon completion of the high school curriculum and certification of graduation.

Applicants are urged to take the Scholastic Aptitude Test no later than the last fall testing date. Scores from the test taken in the junior year are acceptable. The code number for Salisbury State College is 5403. Details concerning the administration of the Scholastic Aptitude Test may be obtained from any high school guidance counselor.

The following table is designed to assist you in predicting your possible performance capability at Salisbury State College and should not be regarded as an absolute indicator of academic achievement. The predicted average computed using the indicators shown in the table is based on the correlation of previous freshmen performance with predictive indicators at Salisbury State College. But, these figures represent an average rather than an absolute level of performance.

The minimum for automatic admission will be a predicted three-year grade-point average in the range of 1.8 to 2.0. Since other factors such as recommendations, outstanding extracurricular activities and achievements in areas outside the classroom are taken into account, students are encouraged to apply to Salisbury State College even if their predicted average falls below this range. Every case will be evaluated individually by the Admissions staff, and in some cases final admission will be based on an interview with the Dean of Admissions.

Computational Aid

FRESHMAN GPA AS PREDICTED BY HS ACAD AVG, SAT-V, SAT-M

To use this computational aid, look up and add the appropriate weighted values in columns 1,2 and 3, the sum of these values is the predicted grade point average for the freshman year.

*The College reserves the right to refuse admission or to require the withdrawal of any student who is considered unable to carry on college work satisfactorily, or who fails to abide by its regulations and policies.

SECONDARY SCHOOL RECORD	
FOR A HS ACAD AVG OF	USE THIS WEIGHTED AVG PLUS CONSTANT
	(1)
3.75 - 4.00	2.101
3.50 - 3.74	1.933
3.25 - 3.49	1.768
3.00 - 3.24	1.603
2.75 - 2.99	1.438
2.50 - 2.74	1.273
2.25 - 2.49	1.108
2.00 - 2.24	.943
1.75 - 1.99	.778
1.50 - 1.74	.613
1.25 - 1.49	.448
1.00 - 1.24	.283
.75 - .99	.118
.50 - .74	-.047
.25 - .49	-.212
.00 - .24	-.377

CEEB TEST SCORES		
FOR A SCORE OF	USE THESE WEIGHTED SCORES	
	SAT-V	SAT-M
	(2)	(3)
77 - 80	1.010	.531
74 - 76	.965	.507
71 - 73	.927	.487
68 - 70	.888	.467
65 - 67	.849	.446
62 - 64	.811	.426
59 - 61	.772	.406
56 - 58	.734	.386
53 - 55	.695	.365
50 - 52	.656	.345
47 - 49	.618	.325
44 - 46	.579	.304
41 - 43	.541	.284
38 - 40	.502	.264
35 - 37	.463	.243
32 - 34	.425	.223
29 - 31	.386	.203
26 - 28	.348	.183
23 - 25	.309	.162
20 - 22	.270	.142

The State College and University System is phasing in new admissions criteria over a five-year period which will require a prospective freshman applicant to have completed specific high school courses. The phase-in began in 1984 and will require a freshman entering in the Fall of 1986 to have completed the following courses as a minimum for consideration for admission: four credits in English with at least one credit in composition and one credit in either American or English Literature; three credits in Social Sciences with at least one credit in U.S. History and one credit in American Government; two credits in laboratory based sciences with at least one credit in Biology; and two credits in Mathematics with at least one credit in Algebra I and one credit in Geometry. Students lacking any of the above admissions specifications should contact the Dean of Admissions for an appointment.

When to Apply: Applications will be accepted beginning September 1 for the Spring and Fall semesters. Applications for admission must be accompanied by a $20.00 non-refundable application fee. There is no deadline date; however, the College reserves the right to close admissions when the projected enrollment is met.

When Notified: Beginning November 1, the Admissions Office begins rolling admissions for the subsequent Fall semester and students whose files are complete will be notified promptly.

Students applying for the Spring semester will be notified of the decision on their application beginning September 15 on a rolling admissions plan provided their files are complete.

Students seeking on-campus housing for the Fall semester will be guaranteed a room provided they complete the admissions process by March 1. The payment of the $50.00 acceptance fee completes the admissions process. Students paying the acceptance fee after March 1 will be housed on a space available basis.

Students seeking on-campus housing for the Spring semester will be housed on a space available basis. Each year there are a limited number of spaces open for the Spring term.

The application and notification dates explained in the Admissions Policy and Procedures section apply to transfer students.

Early Admission

Students who have completed the junior year of high school may be considered for acceptance into the regular College program provided they present evidence of outstanding academic achievement and commendable scores on the Scholastic Aptitude Test and have a positive recommendation from the high school, together with certification as to eligibility for a high school diploma under the early admission program. A personal interview with an Admissions officer of the College is required.

Admission By High School Equivalence Diploma

Applicants who are not high school graduates may qualify for admission by earning satisfactory grades on the High School Equivalence Examinations administered by the State Department of Education and receiving the high school equivalence diploma. The applicant should contact the Board of Education to make arrangements to take the examinations. Scores from the Scholastic Aptitude Test (SAT) are also required.

Admission of International Students*

Admission may be offered to international students who demonstrate college ability and proficiency in the English language. Applicants must take the Test of English as a Foreign Language (TOEFL), have the results forwarded to the Admissions Office, and also submit proof of completion of the equivalent of an American academic high school. Prospective students must also submit a financial statement certifying the ability to meet all costs of the College. Information on the test dates and test centers for the TOEFL may be obtained by writing to Test of English as a Foreign Language, Box 899, Princeton, New Jersey 08540. A minimum score of 550 on the TOEFL is required for admission. The College will forward a financial statement form for completion by the applicant. If the applicant meets all requirements, an undergraduate application will be accepted.

Immigrant Student Admissions*

Any student applying for admission whose native language is other than English will be required to demonstrate an acceptable level of English proficiency in addition to meeting the basic requirements for admission to the College.

*All international students who attend Salisbury State College will be given an English Placement Examination upon their arrival on campus. Any student who does not demonstrate adequate proficiency in English will either be required to enroll in the compensatory English program or will be withdrawn from the College.

Admission and Testing Requirements as Established by the Board of Trustees

1. The Board of Trustees requires, as a minimum admission standard for all full-time and part-time entering freshmen who have graduated from high school within five years of admission, a high school average of C or better. The Board, however, encourages each institution to adopt standards above the minimum level.
2. Each institution will develop predictive measures of probable academic success and identify any additional admissions criteria.
3. In addition to those students admitted under 1 and 2 above, each institution may admit up to 15 percent of its entering freshman class, students whose high school average was less than C but who show potential for success in post-secondary education. All students admitted under this program must be provided with appropriate academic and other support services.
4. All entering freshmen will be administered diagnostic/placement tests in reading, writing and mathematics to determine their strengths and weaknesses.
   a. All students earning below a pre-determined standard on these examinations will be required to participate in remedial programs designed to eliminate deficiencies in basic skills.
      1. These students will be administered post-tests to determine if they have reached the established standard.
      2. Students who fail to meet the standard within two semesters and a summer session will not be retained at the institution.
   b. Students who exhibit a weakness in the basic skills area but are not in need of full remedial programs will be given a prescribed program to be completed prior to admission to junior status.
   c. Students who earn above a predetermined score at the upper end of the scale (e.g. the 95th percentile) shall be encouraged and enabled to undertake a program commensurate with their measured abilities.
5. Students who have earned fewer than 25 credit hours and desire to transfer to State Universities and Colleges will be admitted under the conditions set down in Section 4 in accordance with the Maryland Student Transfer Policies, which require equal treatment of native and transfer students.
6. In order to attain junior status (56 credit hours), a student must have earned a grade point average of C or better.
   a. In order to ensure equal treatment of the native and transfer student, a transfer student who has earned 56 or more credits at prior institutions must have attained a C (2.00) cumulative average to be accepted at any State university/college.
   b. Any student who has maintained a cumulative C average (for at least two consecutive semesters) which, due to extenuating circumstances, has temporarily fallen below the required C average may be permitted an additional semester to bring up his average to the required level. Such a student will be evaluated on an individual basis by the institution's Academic Standards Committee or its equivalent.
   c. A student suspended at the entering junior level may be enrolled in the institution as a part-time, non-degree seeking student provided he has attained a cumulative average of 1.90 or higher at the time suspended. In order to remain at the institution, the student must maintain a 2.00 semester average each semester attended. He may be admitted as a degree-seeking candidate only after earning a 2.00 cumulative average. Each student will be evaluated on an individual basis by the institution's Academic Standards Committee or its equivalent.
   d. A student separated from the institution at the entering junior level because of a grade point average below 2.00 (C) may be readmitted to the same institution or may be admitted to another State university or college after a period of one year provided he can demonstrate growth (maturity) through a record of satisfactory work or educational experience to the satisfaction of the institution.

   Additional progression standards which are in compliance with Board guidelines shall be established by the institution.
7. Admission to some designated programs may require higher standards or be limited by the opportunities available to complete a clinical or other requirement of the major program.
   a. The institutional standards shall be approved by the Board of Trustees and reviewed by them on an annual basis.
   b. Such standards shall be published in the institution's catalogue.

Admission of Transfer Students

Transfer students should request application forms for admission from the Dean of Admissions. To be considered for admission, a transfer student must have earned at least 12 semester hours at an accredited community college or four-year college or university and have a minimum 2.0 average on a four point scale. If the student has attended two or more institutions the overall 2.0 will be computed on grades received in courses earned at all institutions attended unless the student presents an Associate of Arts degree. The College's admission policy for entering freshmen, however, will apply to transfer students who have attempted fewer than 12 hours of credit at another institution.

Those students who have been awarded the Associate of Arts degree or who have successfully completed 56 hours of credit with an overall 2.0 average, in either case in college or university parallel courses, shall be admitted.

To be eligible for the Baccalaureate degree from Salisbury State College, transfer students must earn at least the final 30 semester hours of credit from this institution. Credits earned in or transferred from a Maryland community college shall normally be limited to approximately half the Baccalaureate degree program requirements, but in no case more than 70 credits.

Transfer students from accredited colleges enrolled in transfer programs will be eligible to receive credit for all of the work that they have completed. CLEP credit will be evaluated based on individual scores. An evaluation of the student's previous course work will be forwarded to the student within three weeks of the student's admission. After he has been admitted to the College, the student will have the opportunity to make an appointment with a counselor in the Admissions Office to review the evaluation of transfer credit and to discuss selection of courses.

For more information regarding transferability of courses from community colleges, refer to the subsection of Academic Policies and Procedures titled "Transfer of Credit from Other Institutions."

Veteran Students

The primary mission of the Veteran Affairs Program is to provide the best possible service to veteran students, eligible dependents and active duty personnel. These services include application procedures, counseling, financial management and vocational rehabilitation. Initial contact for implementation of benefits should be directed to the Office of Veteran Affairs, located in Holloway Hall, room 137.

All transfer students are encouraged to read and become familiar with the following policies of the Maryland State Board for Higher Education regarding transferring credits:

Maryland State Board for Higher Education
Student Transfer Policies

These Student Transfer Policies, developed by a special task force of the Segmental Advisory Committee, were adopted by the Maryland State Board for Higher Education on November 1, 1979. In view of the Board's sensitivity to the need of the institutions and segment boards to have sufficient lead time to make these policies operational, the new policies shall be effective and applicable to students enrolling in Maryland's public postsecondary education institutions in fall 1980, and thereafter. At that time they will supersede SBHE Student Transfer Policies in effect since 1972.

Preamble

The major objective of these policies is to relate in operational ways the undergraduate programs offered in the public sector of higher education in Maryland. These policies aim at equal treatment of native and transfer students. The effectiveness of these policies, since their promulgation in December 1972, has been confirmed by the minimal loss of credits experienced by students transferring within the public sector, by the apparent satisfaction of these students and by the absence of appeals concerning the transferring of credits.

The intended principal benefactor is the student, who is best served by current information about programs and protected by firm arrangements among the public segments of higher education in Maryland which permit him to plan a total degree program from the outset. With successful academic performance, he can make uninterrupted progress even though transfer is involved. The measures of the effectiveness of the plan is maximum transferability of college level credits within the parameters of this agreement. Essentially, transfer and native students are to be governed by the same academic rules and regulations.

In a complementary way, the State's interests are served by having its higher education resources used optimally by reducing the time taken to complete a degree through the avoidance of repeated class experience.

The institutional interests are protected also by the systematic approach; institutions are relieved of the uncertainties of unplanned articulation without becoming production line enterprises.

The dynamics of higher education preclude once-and-for-all time curricula and perpetual grading and retention systems. However, within the general structure of this plan there is opportunity for continual updating of the details.

In more specific ways, this document's purpose is: (1) to recommend specific areas of agreement among the public two-year and four-year institutions of higher education pertaining to

facilitating the transfer of students within these segments; (2) to provide for a continuous evaluation and review of programs, policies, procedures and relationships affecting transfer of students; (3) to recommend such revisions as are needed to promote the academic success and general well-being of the transfer student; and (4) to provide a system for appeals.

Policies

1. Public four-year colleges and universities shall require attainment of an overall 2.0 average on a four-point scale by Maryland resident transfer students as one standard for admission. If the student has attended two or more institutions, the overall 2.0 will be computed on grades received in courses earned at all institutions attended unless the student presents an Associate of Arts degree.
   (a) Each public institution of higher education shall designate a person responsible for coordinating transferability to assist in accomplishing the policies and procedures outlined in this plan. The State Board for Higher Education will support requests by a public institution of higher education to establish the position of transfer coordinator.
   (b) Efforts shall be intensified among the sending institutions, based on shared information, to counsel students on the basis of their likelihood of success in various programs and at various institutions. (See par. 1 (c) and par. 9).
   (c) Procedures for reporting the progress of students who transfer within the State shall be developed as one means of improving the counseling of prospective transfer students.
2. Admission requirements and curriculum prerequisites shall be stated explicitly in institutional publications. Students who enroll at Maryland community colleges shall be encouraged to complete the Associate of Arts degree or to complete 56 hours in a planned sequence of courses which relate to general education and the selection of a major before transfer. Subsequent graduation from the receiving four-year institution is not assured within a two-year period of full-time study.
   (a) Students from Maryland community colleges who were admissible to the four-year institution as high school seniors and who have attained an overall 2.0 average in college and university parallel courses shall be eligible for transfer at any time, regardless of the number of credits. Those students who have been awarded the Associate of Arts degree or who have successfully completed 56 hours of credit with an overall 2.0 average, in either case in college and university parallel courses, shall not be denied transfer to an institution. If the number of students desiring admission exceeds the number that can be accommodated in a particular professional or specialized program or certain circumstances exist which require a limitation being placed on the size of an upper division program or on the total enrollment, admission will be on criteria developed and published by the receiving institution, which provides equal treatment for native and transfer students.
   (b) Course semester hour requirements which students must meet in order to transfer with upper division standing shall be clearly stated by the receiving institution.
   (c) The establishment of articulated programs is required in professional and specialized curricula.
3. Information about transfer students who are capable of honors work or independent study shall be transmitted to the receiving institution.
4. Transfer students from newly established public colleges which are functioning with the approval of the State Board for Higher Education shall be admitted on the same basis as applicants from regionally accredited colleges.
5. (a) Credit earned at any other public institution in Maryland shall be transferable to any other public institution provided:
      (1) the credit is from a college or university parallel program;
      (2) the grades in the block of courses transferred average 2.0 or higher; and
      (3) the acceptance of the credit is consistent with the policies of the receiving institution governing students following the same program.
   (b) Credit for the CLEP general examinations will be considered for transfer only for scores at the 50th percentile and above of the combined national men-women sophomore norms. The exact number of credits awarded, if any, in transfer will be determined by the same regulations that pertain to native students in the receiving institution. The percentile needed to transfer credit for the CLEP subject examination will be determined by the receiving institution.

Segmental/Institutional governing boards shall submit to the State Board for Higher Education by December 1 of each year data collected from the institutions concerning the credit given, minimum scores and equivalent courses for the CLEP subject examinations. This data will be distributed annually by the State Board for Higher Education to transfer advisors at all institutions. In order to facilitate the transfer of Advanced Placement and CLEP credit, the achievement score for Advanced Placement and the scaled score, percentile rank and the type of examinations (General or Subject) for the CLEP shall be reported on the transcript when credit is awarded.

(c) The Associate of Arts degree shall serve the equivalent of the lower division general education requirements at the receiving institution where the total number of credits required in the general education program in the sending institution is equal to or more than that required in the receiving institution and where the credits are distributed among the arts and sciences disciplines.

(d) The determination of the major program requirements for a Baccalaureate degree, including courses in the major taken in the lower division, shall be the responsibility of the institution awarding the degree.

6. Transfer of credits from the following areas shall be consistent with the State minimum standards and shall be evaluated by the receiving institution on a course-by-course basis:
   (a) Courses from technical (career) programs.
   (b) Orientation courses.
   (c) Remedial courses.
   (d) Courses credited by a university or college which has no direct academic and administrative control over the students or the faculty involved in the courses.
   (e) Credit for work experiences.
7. Credit earned in or transferred from a community college shall normally be limited to approximately half the Baccalaureate degree program requirement, but in no case more than 70 credits, and to the first two years of the undergraduate educational experience.
8. Transfer students shall be given the option of satisfying graduation requirements which were in effect at the receiving institution at the time they enrolled as freshmen at the sending institution, subject to conditions or qualifications which apply to native students.
9. Institutions shall notify each other as soon as possible of impending curricular changes which may affect transferring students. When a change made by one institution necessitates some type of change at another institution, sufficient lead time shall be provided to effect the change with minimum disruption.
10. Community college students are encouraged to choose as early as possible the institution and program into which they expect to transfer.
11. The Segmental Advisory Committee shall continue to review articulation issues and shall recommend policy changes as needed to the State Board for Higher Education.
12. In the event a transfer student believes he has not been accorded the consideration presented in this policy statement, the student shall have the opportunity to have the situation explained or reconciled.

Initially, differences of interpretation regarding the award of transfer credit shall be resolved between the student and the institution to which he is transferring. If a difference remains unresolved, the student shall present his evaluation of the situation to the institution from which the student is transferring. Representatives from the two institutions shall then have the opportunity to resolve the differences.

The sending institution has the right to present an unresolved case to the Segmental Advisory Committee through a written appeal to the State Board for Higher Education. The SAC shall receive relevant documentation, opinions and interpretations in written form from the sending and receiving institutions and from the student. The Segmental Advisory Committee will send the written documentation to a pre-established articulation committee which, after review, will submit its recommendations to the Segmental Advisory Committee.

Copies of the recommendation shall be forwarded by the State Board for Higher Education to the segments for distribution to the appropriate institutions.

A complaint on transfer status must be initiated by the student within one calendar year of his enrollment in the receiving institution.

Student Residency Classifications for Tuition Purposes

(From laws relating to and governing policies and procedures of the Board of Trustees of the State Colleges and Universities of Maryland.)

A. General. To qualify as a resident for tuition purposes for any given semester, the applicable individual must have maintained his domicile in Maryland for at least six (6) months immediately prior to the last date available for initial registration for that semester at the State college which the student attends. If a student is not financially dependent on his parent and/or spouse, the domicile of the student shall control. If a student is financially dependent on his parent and/or spouse, then the domicile of the parent or spouse shall control.

B. "Financial dependent" defined. A "financially dependent" student is one who receives more than one-half of his support from a parent or spouse during the six-month period immediately prior to the last date available for initial registration for the semester in question. If a student receives more than one-half of his support in the aggregate from both a parent and spouse, the student shall be considered financially dependent on the person providing the greater amount of support. Until proven otherwise, it shall be presumed that a student is financially dependent on a parent and/or spouse.

C. "Parent" defined. The word "parent" includes a natural parent, an adoptive parent, a stepparent, a legally appointed guardian, and a person who stands *in loco parentis* to the student. The word "parent" shall also include the plural. A person stands *in loco parentis* to a student when he has put himself in the situation of a lawful parent by assuming the obligations incident to the parental relation without going through the formalities necessary to legal adoption. The determination of such status will be made on a case by case basis by the responsible College official who will consider who has custody or control of the student, who is financially supporting the student, and who has assumed general responsibility for his welfare.

D. Domicile.

(1) Establishment of domicile. The term "domicile" shall be synonomous with the term "residence." Domicile is a person's permanent place of abode; namely, there must be an intention to live permanently or indefinitely in Maryland. Domocile must be established in Maryland for a purpose independent of attendance at a State college.

(2) Maintenance/change of domicile. For the purpose of residency for tuition purposes, only one domicile may bemaintained.

(A) A domicile in Maryland is lost when a new one is established elsewhere or if an individual leaves the State with no intent to return to Maryland. After residing elsewhere for six months, regardless of intent to return, the individual's status as a resident for tuition purposes is in question.

(B) The domocile of the applicable person shall be determined at the time of initial registration of the student but may thereafter be changed for any subsequent semester if circumstances change in relation to these regulations.

(3) Criteria for determining domicile. The following criteria shall be considered by the State college in determining the domicile of a student who is not financially dependent.

(A) Ownership or rental of living quarters in Maryland other than property owned, managed or supervised by the State college, such as dormitories, fraternity houses or sorority houses.

(B) The substantially uninterrupted physical presence in Maryland, including the months when the student is not in attendance at the State college.

(C) Maintenance in Maryland of all, or substantially all, of the student's possessions.

(D) Payment of Maryland State income taxes on all income earned, including all income earned outside the State.

(E) Registration to vote and actually having voted in the State if an election has been held subsequent to registration to vote.

(F) Registration of a motor vehicle in the State, if the student owns or uses such a vehicle.

(G) Possession of a valid Maryland driver's license if the student is licensed to drive anywhere.

(H) Any other relevant facts.

(4) Military Personnel. The following shall apply to a member of the armed forces if he is the person whose domicile controls for tuition purposes.

(A) Members of the armed forces not from Maryland at the time of entrance into the armed forces and stationed in Maryland may be considered residents of this State if they establish domicile in Maryland.

(B) A member of the armed forces who was a resident of Maryland at the time he entered the armed forces retains his residency status as long as he remains in the armed forces provided he does not establish domicile elsewhere.

(C) Military personnel sent by a branch of the armed forces to a State college for the purpose of completing degree requirements may be granted residence status for tuition purposes.

(5) Foreign Nationals. The domicile requirements set forth in these regulations shall apply to immigrant aliens lawfully admitted for permanent residence in accordance with the laws of the United States.

(6) Responsibility of students.

(A) Any student or prospective student in doubt concerning his residence status is responsible for receiving a ruling from the designated official at Salisbury State College.

(B) A student whose status is altered from resident to nonresident, or vice-versa, because of the change of domocile of the student, parent or spouse, as applicable, has the responsibility of informing the designated official at Salisbury State College.

(C) The residency status of a student may be altered by the State college on the basis of its own findings.

(D) A change in tuition status must be requested by a student prior to registration period in order to be effective for that semester.

(E) A student applying for a change to Maryland resident tuition status must furnish under oath a statement fully disclosing his income and assets, to include parental or spousal income tax data, and must furnish any further documentation deemed necessary by the institution.

(F) The burden of proof shall be upon the student to establish residence in Maryland by clear and convincing evidence.

(7) Responsibility of each State college.

(A) If a timely request for reclassification is made by the student and if the State college has not rendered a final decision prior to the commencement of the applicable semester, the student will pay fees and charges associated with his contemporary residence status; and if the status is changed, any excess fees or charges will be refunded.

(B) Each State college shall establish an appeals procedure which will be assumed to work from written documents rather than by way of formal hearings. An Appeals Committee decision may be appealed further to the chief administrative officer of the institution or to his designee.

(8) Interpretation of Rules. These rules shall not be interpreted as establishing any irrefutable presumptions of fact.

Inquiries regarding residence status for tuition purposes should be directed to the Dean of Admissions, Salisbury State College.

Division Of Graduate Study

Salisbury State College is approved for graduate instruction by the Middle States Association of Colleges and Secondary Schools and the Maryland State Board of Education. The College offers graduate programs leading to the Master of Business Administration degree, the Master of Education degree, the Master of Arts degree in English, in History and in Psychology, and the Master of Science degree with major in Nursing. Graduate study is also available for teachers seeking to meet requirements for basic and advanced certification and for post-Baccalaureate students seeking graduate credit in both academic and professional areas.

During the Fall and Spring semesters, the great majority of graduate students enroll for courses conducted in the evening program of the College. Designed essentially for part-time students, this program consists mainly of courses meeting once weekly throughout the semester in either late afternoon or evening sessions of approximately three hours each. A limited number of courses open both to graduate students and advanced undergraduates is also available in the regular daytime program. In addition, graduate study is available in the College Summer program and the Winter Term. Dormitory accommodations are available to graduate students only in the Summer Sessions and the Winter Term.

The Graduate catalogue is available upon request to the Graduate Office.

Continuing Education

The Office of Continuing Education serves as a liasion between the community and the College to make available both traditional and non-traditional educational opportunities of the highest quality. This office coordinates the College's offerings of flexible educational programs through evening courses, extension courses, non-credit courses, summer session, T.V. and newspaper courses, workshops/conferences, short courses, institutes, undergraduate and graduate courses and other types of educational/experimental experiences, both on campus and off campus.

Goals

The general goals of continuing education at SSC are:

(1) To identify community educational needs and interests for use in new and on-going program development;

(2) To contribute to the advancement of essential skills, training, knowledge and information, through the "Community Service Institute";

(3) To provide educational experiences that will allow for intelligent action in relation to social, economic and political issues;

(4) To provide an opportunity to update and/or upgrade professional skills continually;

(5) To provide a variety of activities relating to personal and cultural development; and

(6) To provide increased educational opportunities at suitable locations and hours convenient to those who may participate.

Community Service Institute. Over and above the usual traditional programs/courses the College has the capability of designing "contract courses" through the "Community Service Institute," which could be of a short- or long-term duration to meet the special needs of persons in the public as well as private sector. For example, the College plans to enrich and expand its service to the community by offering additional non-credit short courses in management which are designed to improve and expand the specific skills required to effectively direct the activities of organizations: business, government, commerical, industrial. These programs of "Education for Managers" have a distinct "How To" orientation which serves as an effective connection between management theory and management practice. With this thought in mind, should a particular firm need some special attention given to a particular course of study, the College would be pleased to discuss and explore this possibility with individuals/groups.

Continuing Education Units (CEU)

Salisbury State College has adopted the Continuing Education Unit (CEU) for selected offerings in the Non-Credit Continuing Education Program. The CEU is a nationally accepted method of recognizing, identifying, measuring and rewarding participation in non-credit certificate programs, special courses of varying lengths that are not part of the regular undergraduate or graduate degree programs. The Continuing Education Unit is defined as "10 contact hours of participation in an organized continuing education experience under responsible sponsoring, capable direction and qualified instruction." Both professional and personal growth may be

assessed in this manner. Courses for which CEU credit will be awarded will be designated as follows: (CEU).

Institute For Retired Persons (IRP)

The program (now in its ninth year) is entirely conceived and administered by its student body of older Americans. Its operating principles of self-determination and peer-teaching represent a sharp break from current practices in the development of programs for older citizens. The IRP encourages learning at a more leisurely pace with a peer-teacher for encouragement and direction.

The IRP is designed to enrich all participants over 50 or a retired person of any age. One can learn at his own pace from his peers, studying what there was no time for before retirement.

New courses, open forums, concerts, field trips and special programs are planned.

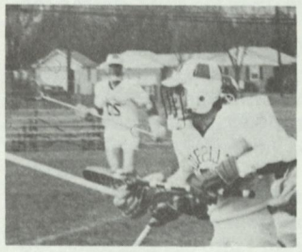
Retired persons who are interested in this new concept should contact the Office of Continuing Education at the College.

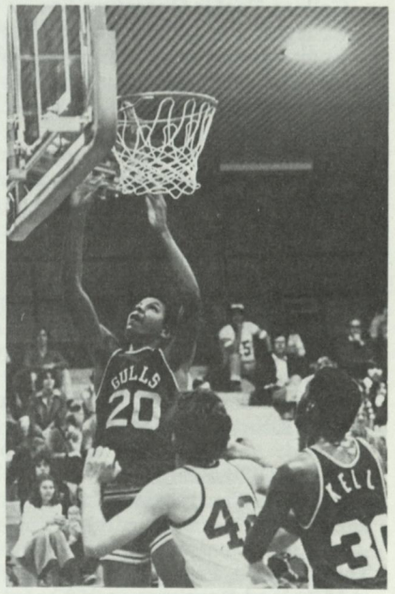
Registration of Auditors and "Special Students"

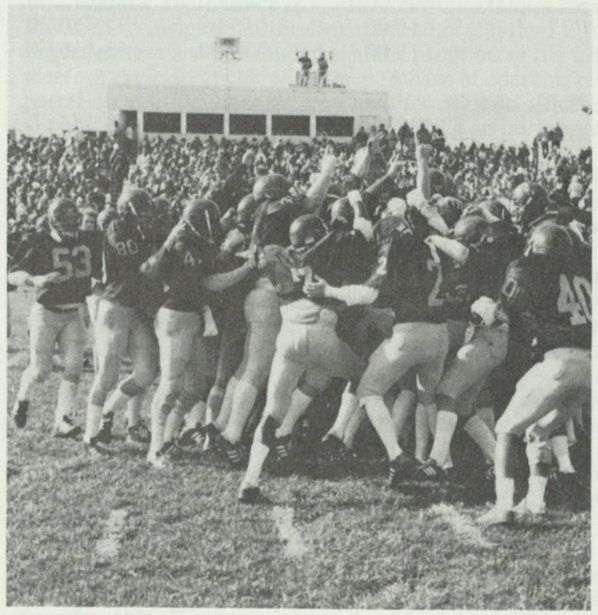
Those who have not earned a degree who wish to enroll for a limited number of undergraduate courses in the non-degree program during the academic year must register through the Registrar's Office.

Registration Procedures And Deadlines

Those desiring to register in the non-degree program should contact the Office of Continuing Education for information concerning registration procedures and deadlines for registration. The Office of Continuing Education publishes bulletins for the following programs: Fall and Spring Semester-Evening Division, Winter-Term, Summer Session, Extension Courses, T.V., Newspaper Courses and Non-Credit Programs.







College Expenses
1985-1986 Academic Year

NOTE: Fees may be changed and new ones established at any time by action of the Board of Trustees of the State Universities and Colleges.

Full-Time Undergraduate Students	1st Semester	2nd Semester	Total
Tuition:			
Tuition, Maryland Residents	$583.00	$583.00	$1,166.00
Tuition, Out-of-State Residents	1,211.00	1,211.00	2,422.00
Fees:			
Parking Fee	(a)	(a)	(a)
Student Teaching Fee	(b)	(b)	(b)
Medical Technology Fee	(c)	(c)	(c)
Student Activities Fee	$22.00	$22.00	$44.00
Athletic Fee	48.00	48.00	96.00
College Center Operating Fee	40.00	40.00	80.00
College Center Construction Fee	90.00	90.00	180.00
Registration Fee	18.00	18.00	36.00
Health Center Fee	17.00	17.00	34.00
Intramural Fee	10.00	10.00	20.00
Total Fees:	$245.00	$245.00	$490.00
Total Tuition and Fees:			
Maryland Residents	$828.00	$828.00	$1,656.00
Out-of-State Residents	$1,456.00	$1,456.00	$2,912.00
Room and Board Charges:			
Room:			
Modular Units	$800.00	$800.00	$1,600.00
Chesapeake Complex	685.00	685.00	1,370.00
Choptank/Chester Halls	665.00	665.00	1,330.00
Nanticoke Hall	665.00	665.00	1,330.00
Manokin, Pocomoke, Wicomico Halls	650.00	650.00	1,300.00
Board:			
7-day, 20 meal plan	$695.00	$695.00	$1,390.00
5-day, 15 meal plan	655.00	655.00	1,310.00
10-meal plan (off campus students only)	575.00	575.00	1,150.00
Total Tuition, Fees, Room and Board [1]:			
Maryland Residents	$2,188.00	$2,188.00	$4,376.00
Out-of-State Residents	$2,816.00	$2,816.00	$5,632.00

(1) Based on $1,330 room and $1,390 board.
(a) A parking fee of $10.00 per year (one non-transferrable decal) will be assessed students registering vehicles.
(b) A student-teaching fee of $75.00 per experience is assessed all student teachers.
(c) A medical technology fee of $40.00 per year is assessed senior Medical Technology students for liability insurance.

Tuition and Fees

Tuition: Undergraduate students who are Maryland residents pay tuition of $1,166 for the academic year. Tuition for out-of-state undergraduate students is $2,422 for the academic year. Residency determination is made by the Admissions Office upon application for admission. Information concerning residency classification can be found on page 19 of the catalogue.

Tuition for part-time students is charged at the rate of $48 per semester hour for undergraduate credit and $70 per semester hour for graduate credit for all Maryland residents. Out-of-state residents are charged at the rate of $52 per hour for undergraduate credit and $74 per semester hour for graduate credit. Undergraduate and graduate students in these categories also pay the regular registration fee of $18 per semester and a $10 parking fee (per year). In addition, out-of-state residents pay an out-of-state fee of $15 per semester.

For tuition and fee purposes, a full-time undergraduate student is a student taking 12 or more credit hours each semester. Any student (regardless of classification or designation) taking 12 or more credit hours a semester is required to pay the full-time tuition and fees listed on page 24. A part-time student is a student taking 11 or fewer credit hours per semester for undergraduate or graduate credit. Any student (regardless of classification or designation) taking 11 or fewer credit hours a semester is required to pay the part-time tuition and fees itemized on page 24.

Students taking courses for audit, pass/fail or courses without credit designation shall receive assigned equivalency credit hours for tuition and fee purposes.

Room and Board: Students residing in the College residence halls pay a total room and board fee for the academic year as follows: Chesapeake Complex $2,760, Choptank, Chester and Nanticoke Halls $2,720; and Manokin, Pocomoke and Wicomico Halls $2,690. Students living on campus must subscribe to a board plan (except residents of Chesapeake Hall). Students living off campus may obtain meals at the College Dining Hall through cash payment for each meal. Off-campus residents may also elect to subscribe to the 5-day (weekdays) 15-meal plan at a cost of $1,310 per year, the 7-day 20-meal plan at a cost of $1,390 per year or the 10-meal plan at a cost of $1,150 per year. On-campus residents must subscribe to the 5-day 15-meal plan or the 7-day 20-meal plan. The 10-meal plan is not available to on-campus residents.

Those who have made residence hall reservations must claim their rooms no later than 5:00 p.m. on the first day of classes. Students arriving after this date and wishing to hold their room reservations may do so by notifying the Housing Office no later than 5:00 p.m. on the first day of classes.

Student Activities Fees: A fee of $44 per academic year is paid by all full-time students to meet expenses in connection with various social functions, student publications, dramatic productions, and the other duly authorized student activities during the academic year.

Athletic Fee: Full-time students pay an athletic fee of $96 per academic year. Funds from this fee are assigned to the Department of Physical Education and Athletics and are used in implementing a well-rounded athletic program at the College. Athletic fees contribute toward meeting expenses incurred in the purchase of consumable supplies for varsity sports, the transportation of athletic teams, payment for athletic officials, and numerous other services.

Intramural Fee: Full-time students pay an intramural fee of $20 per academic year. Funds from this fee are assigned to the Department of Physical Education and Athletics and are used in implementing a well-rounded intramural program at the College.

College Center Operating Fee: A fee of $80 per academic year is paid by all full-time students. The fee is utilized by the College to fund the College Center programs and operations.

College Center Construction Fee: A fee of $180 per academic year is paid by all full-time students. The fee will be utilized by the College to fund the construction of a new College Center facility.

Registration Fee: A fee of $18 per semester is paid by all students to cover registration costs each semester. Students registering or preregistering after the designated time pay an additional $5 late registration fee.

Graduation Fee: Prior to graduation, degree candidates pay a fee of $40 for the Bachelor's degree and $50 for the Master's degree to meet expenses incurred in the printing of diplomas and purchase of caps and gowns.

Books and Supplies: Books and classroom supplies may be purchased at the College Book Rack, maintained for the convenience of students. Expenses will vary with the cost of books and other materials required for particular courses.

Motor Vehicle Registrations: Students who operate vehicles on the College campus must register these vehicles with the Office of Public Safety, Holloway Hall, at the time of course registration and be prepared to pay the $10 per year parking fee. Parking decals are non-transferrable. *Freshman resident students are not permitted a vehicle on campus.*

Readmission Fee: All students seeking readmission to the College pay a non-refundable readmission application fee of $25 with the readmission application form. This readmission fee is not applied to the tuition and fee bill.

Advance Payments

Candidates seeking admission to the College must pay a **non-refundable** $25 application fee with the Admission Application Form. The application fee is not applied to any tuition or fees. After evaluation and review by the Admissions Office, the candidate is notified of his status regarding admission. If accepted for admission, the student will receive (with the acceptance) a bill for an advance payment of $50 which is payable immediately. Payment of this charge assures the student placement in the appropriate class at time of entry. The $50 advance payment is non-refundable but will be applied toward payment of the total tuition and fees due before the first day of classes. If the student fails to register, the $50 advance deposit is forfeited at the close of the late registration period as set forth in the official College calendar.

Advance Room and Board

An advance room and board deposit of $120 is required from students offered housing in order to guarantee the room and board reservation for the next academic year. This deposit, which is paid to the College on approximately April 1, will be applied to the total bill during the second semester of the year; the contract is for the entire academic year (two semesters).

Students may cancel room and board reservations by petitioning to be released from the contract. The petition must be in writing to the Director of Housing and received prior to July 1. Deposits will be forfeited by those students who are not released from the annual contract.

Payment to the College

Payments to the College for student tuition and fees are due and payable prior to the beginning of each semester on or before the date shown on the statement of fees. Payment of tuition and fees by mail is encouraged. Failure to meet the due date may result in the cancellation of the student's schedule. All checks or money orders should be made payable to *Salisbury State College.* Payments should be mailed to Salisbury State College, P.O. Box 2195, Salisbury, Maryland, 21801. Cash payments may be made at the Cashier's Office, room 203, Holloway Hall, daily between the hours of 8:30 a.m. and 4:30 p.m. No student's registration is complete until the semester charges are paid in full.

Returned Checks — Article 27, Section 142 of the Annotated Code of Maryland states that anyone who obtains money, etc., by bad check is subject to prosecution. All checks returned to Salisbury State College by the bank as "bad checks" (this includes checks on which payment has been stopped) must be made good within ten days of notification to the student by the College. If restitution has not been made within the allotted time, the maker of the check may be subject to prosecution. A $10 returned check fee is charged by the College (in addition to the face value of each check) to cover the costs of handling returned checks.

Should it become necessary to remand a debt to the Central Collection Unit of the State of Maryland, a collection fee of 15 percent or greater will be imposed and added to the principal balance. The College reserves the right to deny services to any student who has an account in arrears.

Eligibility for Refunds

To be eligible for any type of refund, a withdrawing student must: (1) submit a completed withdrawal form to the Office of the Registrar; (2) notify the Director of Housing (if a resident student) of his room cancellation; and (3) turn in his meal ticket (if a boarding student) to the Director of Food Service. No refund will be effected unless the student complies with the withdrawal procedures stated above.

Refunds are based on the date on which the withdrawal form is filed with the Registrar. Failure to file the official notification shall result in a forfeit of all right to refund. No withdrawals will be back-dated. Students whose housing contracts are terminated for disciplinary reasons are not eligible for a room refund. Students dismissed by the College for disciplinary reasons shall not be entitled to any tuition or fee refund.

Student key deposits will be refunded in full when the student returns the key to the residence hall offices. The cost of repairs and/or replacement of any College property damaged by the student will be deducted from any refunds due the student. Damaged property will be inspected by the Physical Plant Department and a determination made of repair or replacement cost prior to any refund.

Refund Policy: Tuition, Fees, Room, and Board

Students Who Withdraw from the College:

a. prior to the official first day of classes will receive a refund of all tuition, fees, room and board except the $50 advance deposit for new students, the $120 advance housing deposit and the non-refundable $18 registration fee;
b. prior to the 15th calendar day after the official beginning of classes shall receive a refund of eighty percent (80%) of tuition, room and board. *No fees shall be refunded;*
c. beginning with the 15th day and until the end of the third week after the official beginning of classes shall receive a refund of sixty percent (60%) of tuition, room and board. *No fees shall be refunded;*
d. during the fourth week after the official beginning of classes shall receive a refund of forty percent (40%) of tuition, room and board. *No fees shall be refunded;*
e. during the fifth week after the official beginning of classes shall receive a refund of twenty percent (20%) of tuition, room and board. *No fees shall be refunded;*
f. after the end of the fifth week after the official beginning of classes shall receive no refund of tuition, fees, room, or board.

The above refund policy will be effected only if the student has complied with the withdrawal procedures stated previously under "Eligibility for Refunds"; the policy regarding refunds of room rent will be effected **only if** *the student has been released from the Housing Contract by the Director of Housing.*

The Director of Business and Financial Affairs, room 213, Holloway Hall, makes the final determination on refund eligibility and the amount of the refund. Appeals should be made in writing to that office.

Refund Policy for Changing from Full-time to Part-time Status

Individuals who change their schedules from full-time to part-time status during the official drop/add period of the College shall be entitled to refunds based on the difference between the full-time tuition and fee charge and the part-time (per credit hour) tuition and fee charge.

Financial Aid

The Financial Aid Office at Salisbury State College supports the philosophy that it is the responsibility of both the student and his parents to pay college expenses. Financial aid is designed to supplement, but not replace, these primary resources. Therefore, SSC's aid programs are based on the financial need of the family.

The nationally standardized procedures suggested by the College Scholarship Service (CSS) through its Financial Aid Form (FAF) are utilized to demonstrate need. This system is based on need analysis procedures required and approved by Federal law. All students must reapply every year for continuation of financial aid.

Except as noted with individual program descriptions, all students who are carrying at least six (6) credits per semester, are in a degree seeking program of study and are maintaining satisfactory progress are eligible to apply for student aid programs. Only students who have been **formally** admitted as degree candidates will be eligible for financial aid. Special students are ineligible.

In order to meet the requirement of satisfactory progress at Salisbury State College, a student must maintain at least the minimum cumulative grade point average for continuance. The minimum cumulative grade point average for continuance is defined in the institution's statement on Academic Polices and Procedures, using a formula based on semester hours attempted. Additionally, full-time students must complete at least 10 hours per semester and part-time students must complete at least 6 hours per semester. Full-time or part-time status will be determined by the number of hours carried at the end of the add/drop period for each semester.

Information concerning the minimum grade point average for continuance can be found under Academic Policies and Procedures.

Since College financial assistance programs are based on financial need, students are required to report to the Financial Aid Office all scholarships, loans, grants and earnings from employment not originally reported on the application as they occur. The student's need will be reevaluated. If need is decreased, the student's aid will be reduced accordingly. Where possible, the student's aid for the following semester will be adjusted. Should an over award occur (aid received in excess of need), Salisbury State will bill the student for repayment of assistance already received. The payments will be refunded to aid accounts in the following order: PELL where applicable, NDSL, Other Race Grants and Federal Grants (SEOG).

Students not returning financial aid materials and acceptance by the time specified on the award letter are subjected to award cancellation.

Students who withdraw or stop attending classes before the end of the semester can be **liable for repayment of any amount** of financial aid received that exceeds the cost of tuition, fees and books.

Disbursement of Financial Aid

Confirmed aid recipients who preregister (thereby generating an early bill) will receive financial aid credit directly on the statement of fees. Any balance still due the student after all charges have been deducted will be disbursed to the student as a refund check during the **first week of classes each semester.**

Recipients who must register "in person" (thereby generating a bill at the time of registration) will receive any refund amount due after all charges have been deducted after the **first** month of classes (allow 40-60 days). Adjustments require additional time.

If the financial aid amount credited (or refunded) includes a National Direct Student Loan (NDSL), the recipient **MUST** sign the appropriate loan forms in the Cashier's Office during the first full week of classes each semester. Recipients with NDSL credit who either receive no refund or have a "0" balance **MUST** also sign the loan forms before the end of the first full week of classes each semester. Each loan disbursement/credit requires a signature as receipt of the NDSL amount. Loan forms must be properly completed and signed by the deadline or the NDSL credit will be withdrawn, and the recipient will be responsible for the NDSL amount previously credited. Having bills not cleared and finalized can result in the cancellation of the student's classes and permission withdrawn for registering the following semester.

Application Procedures for College Financial Aid Programs

Incoming freshmen should obtain the Financial Aid Form (FAF) from their high school counselors or from the Salisbury State Financial Aid Office. An SSC Financial Aid Application must be sent to the SSC Financial Aid Office before processing can be completed. Upper- classmen should apply directly to the Financial Aid Office for an FAF and SSC aid application. (All

appropriate forms must be on file before processing begins.) There is a $7.00 processing fee (for the first institution, $5.50 for each additional) for the FAF payable to the College Scholarship Service at the time the application is filed. (Fee is subject to change.)

All students should file their aid applications as soon (after January 1) as possible. Applications for all financial aid should reach the SSC Financial Aid Office by March 1, for the following school year. (Please note that four to five weeks processing time by CSS must be allowed in meeting this deadline. Students whose applications are submitted after March 1 will be processed on a first come, first served basis.) Since immediate processing or announcements of results prior to the beginning of the school year cannot be assured, an alternate arrangement for bill payment should be made. If funds are still available, cases will be processed during the school year.

Direct Federal Aid Program - Pell Grant (formerly BEOG)

The Pell Grant is an "entitlement" program that provides grants to eligible students. All degree seeking students carrying at least six credits per semester are eligible to apply. Grants range from $250.00 to $1,900.00 depending on the federal formula. The grant is awarded by the Federal Government, not Salisbury State College. Applications may be obtained from the Financial Aid Office or high school guidance counselor. All students applying for financial aid from Salisbury State are required to apply for the Pell Grant. The FAF may be used to apply for the Maryland State Scholarship, campus based aid and the Pell Grant.

College Aid Programs

Supplemental Educational Opportunity Grant:(SEOG) These are outright grants of up to $2,000.00 to undergraduate, **first degree candidates** with financial need. These grants do not have to be repaid.

National Direct Student Loan Program:(NDSL) This program provides up to $6,000.00 in four years available on a loan basis to undergraduate students who are enrolled on at least a half-time basis, and who have demonstrated financial need. There is no interest charge on this loan as long as the borrower continues in a half-time student status. (Loans range from $200.00 to $1,500.00 per year for undergraduates.) Repayment begins six months after graduation or withdrawal from school. Students may be allowed up to 10 years to repay the loan, based on the amount borrowed. The interest rate is 5 percent per annum on the unpaid balance. Repayment may be deferred while the student is enrolled on at least a half-time basis, serving in the military, Peace Corps, Vista. Special Education teachers and teachers in designated economically deprived areas may receive up to 100 percent cancellation for teaching over a period of five years. A borrower who is temporarily disabled, or whose spouse is temporarily totally disabled and requires the borrower's care, may defer payments for up to three years.

College Work Study Program:(CWS) This provides jobs available on and off campus to full-time and half-time degree seeking students with demonstrated financial need. These jobs are usually assigned as part of the "financial aid package." If possible, students are employed in positions which are related to their academic major or special interest. Students receive minimum wage per hour and are paid every two weeks.

Other Race Grant Program:(ORGP) This is a grant for degree seeking undergraduate minority students attending on a full-time basis who are U.S. citizens and legal residents of Maryland who have financial need. These grants are usually awarded in combination with other financial aid awards. The maximum grant may not exceed the need of the student. Eligibility for the ORGP requires full-time enrollment and maintenance of full-time status (12 credit hours or more per semester).

Guaranteed Student Loan Program:(GSL) The Guaranteed Student Loan Program enables a degree-seeking student carrying at least six credits to borrow money directly from a bank, credit union, savings and loan association or other participating lender which is willing to make the loan. The loan is guaranteed by a state or private non-profit agency, or, in the case of the Federally Insured Student Loan, (FISL) insured by the Federal Government. Effective October 1, 1981, students from families with adjusted gross incomes in excess of $30,000.00 will be required to demonstrate financial need in order to qualify.

GSL/FISL loans carry an interest rate of eight (8) percent per annum on the unpaid balance. The Federal Government pays the interest on the loan while the student is in school. However, effective August 23, 1981, a 5 percent origination fee will be deducted from the student's loan proceeds to help reduce the federal cost of this interest subsidy.

The maximum **annual** amounts that can be borrowed are: (a) $2,500.00 for an undergraduate student; and (b) $5,000.00 for graduate and professional students. In some states these amounts may be less. The **AGGREGATE** loan maximums are: (a) $12,500.00 for undergraduate students; and (b) $25,000.00 for combined undergraduate and graduate borrowing.

Repayments begin six months after the student graduates or leaves school.

Parent Loan Program:(PLUS) The Education Amendments of 1980 authorized the PLUS (Auxiliary) loan program (formerly Parent Loans) under which parents can borrow up to $3,000.00 per undergraduate dependent child. Congressional action extended eligibility to independent undergraduate and graduate students. The cumulative maximum that may be borrowed is $15,000.00, not to exceed $3,000.00 per year.

The interest rate on the **PLUS** loan is 12 percent. Repayment of interest and principle must begin within 60 days of disbursement of the loan.

State Scholarships: The State of Maryland each year awards **General State, House of Delegates** and **Senatorial Scholarships** to legal residents of the state. Interested high school students should consult their high school counselors. Students presently enrolled at Salisbury State may obtain an application from the Financial Aid Office or the State Scholarship Board, 2100 Guilford Avenue, Baltimore, Maryland. The application deadline is March for the following academic year.

Seidel Nursing Scholarship: This is a two-year scholarship of $500.00 per year granted to an academically gifted upper division Nursing student who has demonstrated outstanding potential for nursing leadership and service. Minimum applicant qualifications are: (a) a registered nurse or generic student who has successfully completed the required freshman and sophomore years of the Nursing curriculum; (b) 3.0 grade point average; (c) a letter of application; (d) a self-evaluation of the student's potential for professional leadership and service; and (e) three recommendations.

The recipient will be selected by the Student Affairs Committee of the Department of Nursing. Applications will be reviewed in May and scholarships awarded the following year. Additional inquiries should be directed to the Department of Nursing.

American Association of University Women:(AAUW) The Salisbury Branch of AAUW offers one scholarship in the amount of $500.00 annually to a junior or senior woman attending Salisbury State College. The student must reside on the Eastern Shore of Maryland and should evidence financial need. Applications may be secured from the Financial Aid Office.

Army ROTC Three-and Two-Year Scholarships: These scholarships are awarded solely on merit by the Department of the Army. The scholarship pays for tuition, textbooks, lab fees and other purely academic expenses. Scholarship cadets also receive a tax-free living allowance of up to $1,000.00 each school year that the scholarship is in effect. Applicants cannot be enrolled in ROTC at the time of application and must have at least three years (for a three-year scholarship) or two years (for a two-year scholarship) of study remaining for a Baccalaureate degree. For more information contact, the Department of Military Science.

Delta Kappa Gamma Scholarship: Each year one scholarship of $150.00 is awarded to a high school girl desiring to prepare for elementary or secondary school teaching at Salisbury State College. Students who receive this one-year scholarship must reapply for continuation of the grant.

SICO Foundation Scholarship: The SICO Foundation of Mount Joy Pennsylvania provides four year scholarships, each in the amount of $1,000.00 per year, to entering freshmen who are legal residents of Delaware or Cecil County, Maryland. However, a student attending Delmar High School in Delaware whose residence is outside of the aforementioned area is considered in the SICO Company Service area and may apply for a scholarship. Details may be obtained from high school guidance counselors.

Kiwanis Education Loan: The Salisbury Kiwanis Club has established a loan fund for students from Wicomico County. A maximum of $350.00 per year at low interest is available.

United Methodist Student Loan: This loan is available to both undergraduate and graduate students with financial need and good academic standing. Undergraduates may borrow a maximum amount of $700.00 per year, graduates $1,000.00 per year. Early application is essential.

C & P Scholarship: The C & P Telephone Company of Maryland has established a scholarship for Salisbury State students who have a demonstrated financial need. Decisions for recipients are made by the Financial Aid administrator.

Salisbury State College Alumni Scholarship: The Salisbury State College Alumni Association has established a four-year scholarship equivalent to $1,000 for each academic year the student is enrolled. Minimum qualifications are: (a) combined SAT scores of 1,000, 500 minimum Verbal; (b) high school GPA of 3.0 in academic subjects; (c) demonstrated participation in extracurricular activities; and (d) letter stating why the student wants to attend Salisbury State College.

Students admitted by February 1 will be screened by the Admissions/Financial Aid Office. This information will be forwarded to the Alumni Association Scholarship Committee which in turn will advise qualified students of application procedures and requirements. Decisions regarding the recipient will be determined by the Alumni Association Scholarship Committee.

Student Life Scholarship: The Student Senate has established one four-year scholarship equivalent to the amount of in-state tuition for each of the four academic years in which the student is enrolled. Minimum qualifications are: (a) combined SAT scores of 1,000 with a minimum Verbal of 500; (b) high school GPA of 3.0 in academic subjects; (c) demonstrated leadership in extracurricular activities; and (d) letters of recommendation. Decisions regarding the recipient will be determined by the SGA Scholarship Committee.

Byron Scholarship Fund: This award is given to a Cambridge-South Dorchester High School senior who wishes to pursue a degree in Business Administration. This student must demonstrate leadership qualities and entrepreneurial inclinations. The award is not necessarily given on the basis of high scholastic rank or financial need. Details may be obtained from the Cambridge-South Dorchester High School guidance counselor.

A.L. Fleming Memorial Award: This award is a $500.00 unencumbered gift to the outstanding junior in the School of Business. This award has been established in memory of A. L. Fleming, the first chairman of the Department of Business Administration and Economics.

Frederick R. E. Durr Memorial Scholarship: This scholarship in the amount of $500.00 is awarded annually to two students in the Business Administration major. The scholarship is initially awarded to an incoming freshman with SAT scores of at least 1,100 and an overall high school grade-point average of 3.0 (B) or better. Extracurricular activities are also considered. Renewal for succeeding years is based on continuancy in a Business Administration program of study and maintaining a 3.0 or better grade-point average. Applications should be made to the Dean, School of Business, by May 15. This award has been established in memory of Dr. Frederick R. E. Durr, the second chairman of the Department of Business Administration and Economics.

Salisbury Rotary Club Award: This scholarship in the amount of $500.00 is awarded annually to two students in the Business Administration major. The scholarship is initially awarded to an incoming freshman who has graduated from a high school in Wicomico, Worcester, Dorchester or Somerset county, has shown evidence of financial need and has an overall high school cumulative average of 3.0 (B) or better and has attained a competitive combined score on the Scholastic Aptitude Test (SAT). Renewal for succeeding years is based on continuancy in a Business Administration program of study and maintenance of a 3.0 or better grade-point average. Applications should be made to the Dean, School of Business, by May 15.

The Wall Street Journal Student Achievement Award: This award is presented annually to a senior in Business Administration who has demonstrated outstanding student achievement.

National Association of Accountants Award: The Delmarva Chapter of the National Association of Accountants (NAA) makes an annual unencumbered cash award of $200.00 to an outstanding accounting senior selected by the accounting faculty.

Diana Marie Clayton Memorial Award: This award is given to a junior Nursing student who is thought to be highly motivated and hard working and who demonstrates enthusiasm for Nursing. The award is not necessarily given on the basis of financial need or scholarship.

Outstanding Senior Awards: The School of Business will consider presentation of an Outstanding Senior Award to a student from each Business Administration major concentration area. This award will be made at the end of the senior year.

Academic Scholarships: The College each year awards scholarships to entering freshmen who have demonstrated outstanding academic performance in high school, have excelled on the Scholastic Aptitude Test and have established a record of participation and leadership in extracurricular activities. Minimum credentials for consideration are a combined SAT score of 1,000, with a least a 500 Verbal score, and a 3.0 academic high school record. Last year 35 students received academic awards.

To apply for the scholarships, a student must apply for admission to the College. If, upon application for admission, a student meets the minimum criteria stated, he will be informed of his eligibility status by the Dean of Admissions. The deadline for consideration is February 1.

Questions regarding the scholarships should be directed to the Dean of Admissions.

Student Services and Programs

General Information

Student services and programs exist at Salisbury State College to complement the academic mission of the institution. Student services, programs and professional staff focus on enhancing the teaching/learning environment for students and faculty and on facilitating the personal development of learners. These goals are accomplished in part by services, programs and staff in offices of the Dean of Students, Counseling Center, Career Planning and Placement, Health Center, College Center, Public Safety and Security, Housing and Residence Life, Food Service, Athletics and Intramurals and student organizations and programs.

Information on aspects of these College divisions follows below.

Counseling Services

College staff recognize that many students experience stress and personal problems which interfere with academic success. Specific problems might be of a personal, relationship, family, academic or vocational nature. Problems experienced by students include:

performance anxieties
- testing
- speaking
- recitals
- athletics

sexuality concerns
loneliness
shyness
relationships
drug/alcohol
depression
weight/eating concerns
academic/vocational issues
death/loss concerns

All counseling is *confidential* and there is no fee. Referrals to appropriate departments or agencies are provided.

Along with personal psychological counseling, Counseling Services provides a student development service - the Getting Together Series. This series of structured groups provides skills training to students. Recent topics include: Time Management, Habits Not Diets, Relaxation Training, Looking Good and Feeling Good, and Sports Psyching.

Information and appointments with a professional counselor can be made by stopping by the Counseling offices in Holloway Hall. Students may take advantage of walk-in hours, 11 a.m. - 2 p.m., Monday through Thursday.

Health Education

The purpose of the Health Education Program at Salisbury State College is to increase campus community awareness about health and health factors, assist individuals in acquiring the knowledge, skills and experience needed to make decisions about their health, and assist individuals in reaching their self-selected health goals, which are directed toward achieving, maintaining and/or enhancing their health.

The Health Education Program encompasses all areas of health: disease and disability prevention, disease and disability treatment, and wellness promotion with all three levels of intervention dealing with the physical, psychological and social health of individuals.

Health Center

Recognizing that good health is essential to effective learning the College maintains a health service available to all full-time students. Part-time and special students are eligible for Health Center services upon payment of activities fees. The Health Center, located in Holloway Hall across from the Library, provides confidential treatment of illness and injuries through a well-equipped facility and expert professional staff, including a physician and four nurses with specialized training in college student health. A supporting community health service five minutes from campus includes a modern 340-bed medical center with an emergency room open 24 hours a day.

Inpatient care, i.e. 24-hour infirmary service, is not provided by the Health Center.

In the event of a contagious disease or acute illness, the family is notified and required to arrange for care of the student until his recovery.

Prior to treatment in the Health Center, each student is required to complete a health history form. An imunization record is required of all students regardless of age.

The College Health Center assumes no financial responsibility for student care other than that provided by the Health Center.

Students are urged to carry their own accident and health insurance since the College is not legally responsible for accidental injuries and resulting medical expenses. Details concerning insurance options are available at the Health Center.

Health Center hours are posted each semester at the center.

Career Planning and Placement

Career Planning and Placement maintains hours from 8:30 a.m. to 4:30 p.m., Monday through Friday. It functions as an intermediary agency through which students and alumni may receive assistance in defining and implementing their career goals.

In part, the center reaches its objectives and provides services to members of the campus community through the two primary functions of Career Planning and Placement.

CAREER PLANNING SERVICES

Career Counseling:
- Selection of a College Major
- Development of a Career Path
- Changing Career Directions

Occupational Interest Testing

Personal Career Planning Classes:
- Credit Level

Career Planning Workshops:
- Resume Writing
- Interview Skills
- Graduate Schools
- Selecting a College Major

Career Library:
- Books
- Pamphlets
- Audio Tapes
- Brochures
- Guides
- Charts

JOB PLACEMENT SERVICES

Job Placement Counseling:
- Resume Preparation
- Interview Skills
- Job Search Procedures
- Employer Identification

Job Alerts

On-Campus Recruiting

Credential Service

Career Library:
- Salary Data
- Employer Addresses
- Resume Guides
- Interview Guides
- Graduate School Information
- Placement Annuals
- Teaching Applications

College Center

The College Center is the social, recreational and cultural center for the College. Programs, services, facilities and staff implement extracurricular activities that complement the formal classroom and that benefit all members of the College community, especially students. The facility promotes informal gatherings of students, faculty and staff. The College Center contains a snack bar, Gull's Nest, bookstore, quiet lounge, meeting rooms, commuter mail boxes, games area and information desk. Administrative offices are located in room 104.

The Book Rack (College Book Store)

The Book Rack is located in the College Center. Its primary purpose is textbook sales. The store also services a variety of other needs including paperback books, school supplies, drug supplies, gift items, posters, greeting cards, bicycle accessories, film and photographic supplies, newspapers and magazines.

Hours for The Book Rack are posted. In general, the store is open from 8 a.m. until 5 p.m., Monday through Friday. During summer session and between semesters, hours are 8 a.m. - 4 p.m. Hours are extended to accommodate night school students during the first three weeks of classes from 6 p.m. until 7:15 p.m., Monday through Thursday.

Returns for full credit are accepted on new and unmarked items for two weeks from the date of purchase upon presentation of the sales receipt. Textbook returns are permitted during the first two weeks of the semester only. Used books are purchased as a service to students during exam week each semester. Special orders are accepted for books and records.

Book Locker Availability

Lockers for student use are located in the College Center and Maggs Gym. Students inter-

ested in obtaining a locker in the College Center should contact the College Center Information Desk for more information. For lockers in Maggs Gym, students are required to contact the main desk which is located in the lobby of that building.

Intercollegiate Athletics

The Intercollegiate Athletic Program for men and women is administered by a Director of Athletics and an Athletic Advisory Committee. Funding for this program is provided by student athletic fees and athletic contest receipts.

The Intercollegiate Athletic Program includes: Fall - (men) cross-country, football, soccer; (women) field hockey, tennis, cross-country; Winter - (men) basketball, wrestling; (women) basketball, swimming; Spring - (men) baseball, lacrosse, tennis, track and field; (women) lacrosse, softball, track and field.

Salisbury State College is a member of the National Collegiate Athletic Association (NCAA) - Division III.

Athletic Eligibility

Eligibility for Salisbury State College Student-athletes is based upon the National Collegiate Athletic Association (NCAA) constitution and by-laws. The NCAA principles of sound academic standards for eligibility follow:

1. The student-athlete is admitted as a regularly matriculated, degree-seeking student in accordance with the regular, published college entrance requirements;
2. The student-athlete is in good academic standing as determined by the College faculty, in accordance with the standards applied to all students; and
3. The student-athlete is enrolled in at least a minimum full-time program of studies and is making satisfactory progress toward graduation as determined by college regulations.

Interpretation and the precise language of these principles as they apply to Salisbury State College student-athletes is available from the offices of the Vice President of Academic Affairs and the Dean of Students.

Intramural Recreation

The purpose of the Intramural Recreation program is to provide the entire College community with the opportunity to participate in a variety of formal and informal activities. These activities encompass team sports, individual and dual sports, outing activities, as well as competitive and noncompetitive activities. In addition to the obvious benefit of physical fitness, participants in this program also obtain improved skills, new and lifelong friends, some self- satisfaction and enjoyment, lifelong leisure time skills and social and ethical qualities (e.g., cooperation, trust, regard for others). These outcomes are consistent with the College's educational mission.

A high level of skill is not a prerequisite to participate in any activity offered by this office. Therefore, all eligible students, staff and faculty members are urged to take part in as many activities as time and interest might permit.

The Intramural Recreation Office is located in Maggs Physical Activities Center where official announcements of special events are posted.

Department of Public Safety

The Department of Public Safety, located in Holloway Hall, room 022, can be contacted 24 hours a day. There are two sections of this department - Campus Police and Safety Services. Campus Police services include investigation of crimes and incidents on campus, response to emergencies, vehicle registration and parking enforcement, issuance of College I.D. cards, lost and found, and physical security of buildings. The Public Safety section ensures that the environment is free from hazards that may cause injuries to members of the College community. This is accomplished through periodic inspection of College buildings and grounds and through campuswide involvement and information about fire and safety matters.

Vehicles

The College extends to students the privilege of driving and parking motor vehicles on the College campus. In return for this privilege, each student assumes the obligation of abiding by the rules and regulations of the College governing the use of motor vehicles on campus.

Each student who wishes to drive or park a motor vehicle on the campus must make application to do so at the time of academic registration. Application must also be made at any time following registration when a motor vehicle is brought onto the campus. A driver's license and state

automobile registration card are required to register a vehicle. Freshmen who reside in residence halls are not permitted to register a vehicle on campus.

Specific traffic rules and regulations are distributed to all students upon registration of a vehicle. It is the student's responsibility to thoroughly read and understand these regulations and to abide by them. Violations of the regulations will result in a fine and/or revocation of driving and parking privileges and/ or possible impoundment of the vehicle at the student's expense. The College assumes no responsibility for the car and/or protection of any student's vehicle or its contents.

Vehicle registration is held in the Department of Public Safety, room 022, Holloway Hall, extension 6222, Monday through Friday, 8:00 a.m. until 4:30 p.m. A $10.00 fee is charged for each vehicle registered.

Residence Halls

The College maintains residence hall facilities for both men and women. These residence halls are open to students who are matriculating for an undergraduate degree at the College, are registering for 12 semester hours or more, and whose places of residence are in conformity with the following policy established by the Board of Trustees of the State Universities and College of Maryland:

> "A student living within a 20-mile radius of a State college shall not be granted residence hall accommodations at the college until the demand for residence hall accommodations of students living beyond a 20-mile radius has been met. However, freshman students who have 1,000 SAT and 3.0 high school GPA shall be guaranteed housing their freshman year, if accepted by March 1, regardless of the address of their permanent residence."

In the event residence halls are not filled to capacity, the foregoing eligibility guides are waived.

Approximately 40 percent of the full-time enrollment is housed on campus. The 1,100 beds are situated in seven halls: two traditional male, two traditional female and three co-ed. These spaces are assigned by means of a lottery for upper class students and by date of admission for freshmen. Upper class students whose cumulative GPA is 3.0 or above will be exempt from the lottery. Rsident students, except for those living in Chesapeake Hall, are required to purchase either 5-or 7-day meal plans from the College Food Service.

The Housing and Residence Life Office, located in Holloway Hall, issues on-campus housing contracts and information on residence hall regulations.

Food Service

Many varied services are provided to the College community by the Food Service Department.

The Ruth Powell Dining Hall is centrally located on the campus and has special theme dinners each month, birthday nights, picnics and make-your-own sundae and candlelight dinners for each hall during the year.

The Snack Bar, located in the College Center, serves snacks, hot and cold sandwiches, pizzas, shakes, fresh homemade donuts and a salad bar.

The Gull's Nest, operated Monday through Friday night in the same location as the Snack Bar, has live entertainment, sports specials, backgammon, chess, a cheery fireplace and movies as part of its service to students and their guests.

Throughout the year many groups and campus organizations avail themselves of the catering services provided.

Orientation and Testing for New Students

During the summer months and during late January, the College sponsors a series of one day testing and orientation programs designed to facilitate the entry of new students into the academic and extracurricular environment at Salisbury State College. The day involves meetings with student leaders and members of the College staff; testing, advising and program planning for the following semester; and learning about resources available to students to facilitate their making optimum use of College resources. In addition, orientation of new students continues throughout their first semester via a one-credit, required orientation seminar (credit hour not applied toward 120 hours needed for graduation).

Clubs and Organizations

Alpha Omega Biological Society

The Alpha Omega Biological Society is an organization open to all students interested in the science of Biology and its applications. Activities include guest speakers, socials, field trips, fund-raising activities and community projects. The main purpose of Alpha Omega is to unite students who have a common interest in Biology. Any student, Biology major or non-Biology major, at SSC is eligible to join Alpha Omega. The only membership procedure involved is to attend meetings.

Baptist Student Ministries

The Baptist Student Ministries at SSC present a Christian witness to the entire campus community and provide opportunities for personal spiritual growth through fellowship, Bible studies, retreats and mission service projects. Baptist Student Ministries was instituted on SSC's campus in 1976 and is sponsored by the Baptist Convention of Maryland. All are welcome to attend meetings.

Black Student Union (BSU)

The Black Student Union was organized to promote a better understanding and relationship among all people and to attune the College and the community to the needs of Blacks and other minorities. Membership in the BSU is open to all SSC students. The organization sponsors dances, speakers, plays and benefits. One of the highlights of the BSU's activities is Black Awareness Week: a series of programs and special events designed to promote the culture and achievements Black Americans have contributed to the College, community and country.

Business and Economics Society

The Business and Economics Society is a student group, organized in 1973 as a professional organization for students interested in Business and Economics. The Society engages in a full schedule of professional and social activities. Professional speakers, plant visitations and student-faculty social interactions are a regular part of the Society's program.

Campus Crusade for Christ

Campus Crusade for Christ is an interdenominational student Christian movement which provides opportunities for fellowship, Bible studies, retreats and conferences. Fellowship meetings and Bible studies are held weekly.

Circulo Quijote

This organization provides an opportunity for advanced study of various aspects of Spanish culture. Knowledge of the Spanish language is not required for membership.

English Club

The Salisbury State English Club was organized in May 1980 and was recognized as a student organization by the Student Government Association in January 1981. The purpose of the English Club is three-fold: to coordinate projects; to foster friendships; and to aid in making the English Department more revelant and responsive to the needs of students of Salisbury State College. Although the Club is designed primarily to meet the needs of English majors, many of the Club's members are non- English majors.

The Evergreen Yearbook

The purposes of a Yearbook are: to serve as a memory book collection of pictures and anecdotes; to serve as a history, resource/reference book; and to serve as a public relations agent for the school.

The staff is made up entirely of students. Membership is open to any student with interests in design, layout, photography, copyrighting or staff organization.

The Flyer Newsmagazine

The *Flyer*, SSC's only campus newspaper, is dedicated to informing the campus of recent happenings and news that affects all College students and to act as a forum for expressing individual viewpoints.

The *Flyer* began as the *Holly Leaf* in the mid-1940s, then changed its name to the *Informer* in 1970. In 1973, the name was changed to the present *Flyer*, and in 1978, it was changed from the traditional newspaper style to news magazine.

All students are eligible to join the staff (no experience is needed). Editorial positions are voted on in the spring for the following year.

French Club

The French Club provides an opportunity for social use of the French language and for additional contact with many interesting aspects of the French culture. Active use of the language is encouraged but not required at the meetings. The French Club sponsors films, field trips, guest speakers, food and wine tasting, among other varied activities.

Geographic Society

The Geographic Society was organized in 1963 to stimulate interest in Geography through social and professional activities beyond those available in the classroom. The Society provides tutorial service and presents programs of general interest. Membership is open to all students, interested in the field of Geography.

German Club

The German Club was organized to stimulate and increase use of the German language, and to provide additional contact with German culture. Major activities in the past have included restaurant field trips, guest speakers, song fests, German Banquet and sponsorship of the SSC Oktoberfest.

The German Club is open to German students and all other interested students.

History and Political Science Club

This Club is open to all persons interested in History and Political Science. It provides an informal atmosphere for students and faculty to join together to share their common interests. Various activities such as banquets, films, field trips and lectures are planned for the Fall.

Honors Student Association

The HSA serves as a liaison between students enrolled in the College Honors Program and the Honors Program Committee. It plans extracurricular cultural and intellectual activities in conjunction with Honors classes, makes recommendations for Honors course offerings and advises the Committee on matters relatin to program requirements and changes. Membership is open to all Honors students.

International Student Organization

The International Student Organization provides an opportunity for cross-cultural experiences through various social activities. This Organization informally involves foreign and native students as well as faculty/staff/community people who have international experiences and interests.

Institute for Retired Persons

The program (now in its ninth year) is entirely conceived and administered by its student body of older Americans. Its operating principle of self-determination and peer-teaching represents a sharp break from current practices in the development of programs for older citizens. The IRP encourages learning at a more leisurely pace with a peer-teacher for encouragement and direction. The IRP is designed to enrich all participants over 50 or a retired person of any age. Learn at your own pace what there was no time to learn before retirement.

Math Club

The SSC Math Club was organized by students and recognized by the Student Senate in the Fall semester of 1983. The Club is open to all students interested in Math. The purpose of the Club is to stimulate a campuswide interest in Mathematics. To do this, the Club sponsors talks, student get-togethers, challenging weekly problems and an annual career night. The Club provides the College campus with a tutoring hot line available to all students needing assistance in Mathematics.

Medical Careers Club

The Medical Careers Club is an organization for those students who are considering a career in Nursing, Medicine, Dentistry, Veterinary work or one of the other health fields. Some programs are of general interest, but are planned to serve the specific needs of pre-Med and pre-Dental students. Visiting physicians and other professionals provide interesting insights, guidance and the opportunity for informal discussion.

Musical Ensembles: College Chorus, Chamber Choir, SSC Band, Jazz Band

The Music Department sponsors two large performing groups and several small ensembles. The College Chorus and the Marching/Concert Band are open to all qualified students. Membership in the chorus involves knowing how to follow musical notation and having the ability to sing a choral part accurately. Membership in the band is open to all SSC students who have played a band instrument prior to coming to SSC. The Chamber Choir and Jazz Ensemble are open to all full-time undergraduate students by audition only. Membership is determined by a specific grouping of voices or instrumentation and by the level of performing ability represented by the applicants.

All the ensembles perform on campus several times annually and in the College service area.

National Association of Accountants

The NAA is affiliated with a national organization of management accountants, and welcomes all students who have an interest in the accounting profession.

The NAA sponsors professional activities that acquaint students with the opportunities which are available to Accounting graduates. Students are welcome at the technical meetings sponsored by the Delmarva Chapter of NAA.

National Association for Advancement of Colored People (NAACP)

The National Association for the Advancement of Colored People, or the NAACP as it is popularly known, is an interracial, interfaith, non-partisan, social action organization. It was organized in 1909 for the purpose of eliminating racial discrimination and segregation against Blacks and other minority groups, and to secure first-class citizenship status for Blacks.

The NAACP College program has four basic objectives. These are broadly defined as: civil rights action; community education; citizenship training; and leadership development.

Newman Club

The Newman Club is the Catholic campus ministry organization. Its purpose is to serve the students by promoting spiritual growth and development as well as encouraging Christian fellowship. Services are regularly scheduled on campus. The club meets twice monthly with Sunday Mass twice a month.

Outdoor Club

The Outdoor Club began in 1981 as a student organization to promote conservation activities and environmental awareness in the College community. Since its inception, students have participated in outdoor adventures from as far as Florida, Canada and Texas, to as local as Assateague Island and the Pocomoke River.

The club is dedicated to serving the desires of any student wishing to participate and educating all in out-of-doors' skills and conservation philosophy.

Phi Beta Lambda

Phi Beta Lambda (Future Business Leaders) is a national organization for all students in postsecondary schools and colleges enrolled in Business and Office Education programs. The purpose of Phi Beta Lambda (PBL) is to provide opportunities for these students to develop vocational competencies for business and office occupations. PBL is an intergral part of the instructional program and in addition promotes a sense of civic and personal responsibility. All students are welcome to join PBL at Salisbury State College. Active members have the opportunity to attend leadership conferences throughout the United States and to participate in competitive business events on state and national levels.

Philosophical Society

The Philosophical Society, open to all members of the College community, actively seeks to arouse on campus a passion for ideas and enthusiasm for thinking about provocative issues. It is dedicated to the proposition that learning is not equivalent to memorizing textbooks but requires asking extraordinary questions. In its effort to stimulate this kind of learning, the Society sponsors regular colloquia involving both students and faculty, an annual lecture series, informal social gatherings and occasional trips to philosophical meetings.

Psychology Club

This organization's main goal is to establish recognition and responsibility for Psychology

in the academic community. The Club was formally re-established in Fall 1979 and is open to all students and faculty. The Psychology Club provides an opportunity for discussion of current issues.

Physical Science Club

The Physical Science Club was established at SSC in 1984; it allows students interested in any of the disciplines of the Physical Sciences to engage in activities designed to enhance an understanding and appreciation of the field.

ROTC Rangers

The goal of the Ranger organization is to provide ROTC cadets with an opportunity to participate in realistic military and adventure training that goes beyond the classroom. Organized by the Military Science Department, the Ranger program is open to any student currently enrolled in or planning to enroll in Military Science.

Salisbury State College Theatre Association (SOPHANES)

The Salisbury State Theatre Association, Sophanes, is the organization for students interested in working in the theatre. Under the auspices of the Department of Communication Arts, Sophanes presents a balanced season of main stage and studio productions and workshops for public performance. The organization is managed by students with faculty supervision. Academic credit is available for those participating in productions.

Salisbury State Program Board (SSPB)

The purpose of the SSPB is to develop and implement a well-balanced program of activities that meet the social, intellectual, cultural, and recreational needs of the Salisbury State College community. SSPB activities include: a popular and an international film series; concerts; major speakers or personalities; coffeehouses; weekend and day trips; and recreational and leisure activities such as Ping-Pong, cards, chess and billiard tournaments. Annual dances include Homecoming and Spring Formal.

Scarab

The *Scarab,* a student literary magazine, encourages the creative arts expressed through poetry, short story, and art work through recognition in its annual publication.

Material published in the *Scarab* is original work submitted by SSC students. After careful evaluation, the *Scarab* staff selects submissions eligible for publication.

The staff consists of students who wish to explore literary criticism and publication procedures. Any student is encouraged to join.

Social Work Club

The Social Work Club at SSC started in 1974. The Club's primary functions are to promote the exchange of ideas about issues involving Social Work through seminars, workshops, films, discussions and experiences and to provide needed human services to members of the College and the community.

Any student at SSC can become a member of the Social Work Club. Meetings will be publicized throughout the year; if a student desires to become involved with the Club all he has to do is come to the meetings and actively participate.

Sports Clubs and Organizations

Sports clubs and organizations currently registered with the College include: Intramural Sports Council; Pom-pom Girls; SSC Racquetball Club; Rugby Club; Sports Club Council.

SSC Dance Company

The SSC Dance Company, originating in 1960 as The Modern Dance Club, provides opportunties for SSC students to receive instruction in dance technique and to acquire experience in dance performance, choreography and production. A variety of dance styles such as modern, folk, ballet and jazz are performed by the company and choreographed by student members and faculty directors. A board of student officers serves as an advisory group to the faculty directors. The SSC Dance Company performs by invitation and also presents one on-campus concert each semester. Membership in the company is open to all interested students with new members accepted once each semester. Credits toward certain course work may be earned by participation in the Dance Company.

Student National Education Association (SNEA)

All members of the College community are welcome to join the SSC chapter of SNEA. The Association focuses on the presentation of ideas working with children. In addition to being associated with the Student National Education Association, this organization is also affiliated with the Maryland State Teachers Association. Student officers are elected in April.

Student Nurses Association

The goals of the SNA are to: provide events beneficial to the community and fellow SSC students; allow students with a common interest an opportunity for gathering and communicating; and further those educational goals set forth by SSC's Nursing Department.

The SNA was formed by the first Nursing graduates of SSC during 1979. Since that time it has grown to approximately 65 members. There is no current criteria for membership.

Student Senate-Appropriations Board

The major student organization on the campus is the Student Senate which supports and finances the major interest groups of the students.

Women's Center

The Women's Center provides a network of resources designed to be supportive of the non-traditional student. An office includes a lounge for study, relaxation and conversation as well as written materials on the needs of non-traditional students. Throughout the year, pertinent topics are addressed by guest speakers and informal discussion groups. It is open to all students and prospective students.

WSSC Radio

WSSC is the College's radio station. The station's management consists entirely of full-time students elected by the student staff members. DJ's on the staff are mostly students with some faculty members also on the air.

The station's programming offers information on activities and plays the music students want to hear. The only "commercial messages" are those concerning student events, station promotion and items of interest to students.

Located in Tawes Hall, the live shows are transmitted to residence halls on 73 AM and 107.5 CABLE-FM. This facility also serves as a production studio for WSSC as well as the WSSC office.

WSSC is open to all students enrolled at SSC, full or part-time.

Honoraries

Beta Beta Beta - Lambda Psi Chapter

Beta Beta Beta is a national undergraduate honor society in the Biological Sciences that emphasizes a three-fold program: stimulation of scholarship; dissemination of scientific knowledge; and promotion of Biological research. Membership is restricted to Biology majors who have completed fifteen (15) semester hours of Biology with a minimum GPA of 3.0. The organization will notify prospective members of their eligibility for membership.

Delta Mu Delta - Delta Alpha Chapter

Delta Mu Delta Honor Society recognizes and rewards superior scholastic achievement by students of Business Administration. Specifically, the purpose of Delta Mu Delta is twofold: to promote higher scholarship in training for Business; and to recognize and reward scholastic attainment in Business subjects. Notification of eligibility is given by the organization to prospective members.

Delta Sigma Pi

Delta Sigma Pi is a national honor society whose members are recognized for outstanding achievement in the study of the Hispanic language and culture. Salisbury State College's chapter, Omicron Iota, was chartered in April 1983.

To qualify for membership, a student must: complete three years of college level Spanish, including at least three semesters of Hispanic literature; have a 3.0 average in Spanish classes; and have a GPA of 2.75.

Gamma Theta Upsilon

The Zeta Eta Chapter of Gamma Theta Upsilon, an international honor society in Geography, was established at SSC in 1980 to recognize scholarly achievement and foster professional

growth and geographic research. Membership is restricted to students who have completed at least four courses in Geography with a minimum GPA of 3.25 and who have also attained an overall college GPA of 3.0. Notification of eligibility is given by the organization to prospective members.

Kappa Pi

The Zeta Lambda Chapter of Kappa Pi International Honorary Art Fraternity at SSC includes students, alumni and faculty. The purpose of the organization is to promote Art interest among college students. Membership is based upon academic average, portfolio and recommendations from the active membership.

Lambda Iota Tau

Lambda Iota Tau is an honor society designed to recognize English majors who have achieved scholastic excellence. The Delta Psi chapter of Lambda Iota Tau was chartered in July 1976 and has inducted members every year since.

To qualify, English majors must earn 55 or more credit hours at SSC, attain at least a 3.0 average in 12 or more hours of literature and English and maintain a 2.76 cumulative average. Those majors meeting such qualifications will be invited to submit initiation papers. Those whose papers meet chapter standards will become members of Lambda Iota Tau.

Omicron Delta Kappa

Omicron Delta Kappa, a national leadership honor society, is represented at SSC by the Sigma Alpha Circle. Established in 1914 at Washington and Lee University, the society's purpose is threefold: to recognize those who have attained a high standard of efficiency in collegiate activities; to bring together the most representative students in all phases of collegiate life; and to bring together members of the faculty and student body.

Phi Alpha Theta

The Eta Iota chapter of the national honor society in History was established in 1959 to serve the needs of those students who have maintained a high scholastic average and who are interested in the further study and teaching of History. Membership is restricted to juniors and seniors. Notification of eligibility is given by the organization to prospective members.

Phi Eta Sigma

Phi Eta Sigma, a national college scholastic honor society for freshmen, exists to encourage and reward high scholastic attainment among freshmen. Freshman women and men are invited to join if their cumulative grade point average at the end of the Fall or Spring semester of their first year is 3.5 or higher.

Phi Kappa Phi

Phi Kappa Phi is a national honor society with a local chapter on the SSC campus. Its purpose is to foster and recognize outstanding scholarship in students from all areas of instruction. It is the only national honor society which cuts across the lines that traditionally separate the diverse academic disciplines. Juniors and seniors who are invited to membership in Phi Kappa Phi must rank in the upper brackets of their graduating class. Those eligible for induction are notified during the academic year.

Psi Chi

Psi Chi, a national honor society in Psychology, was founded in 1929. The Salisbury chapter was established in 1974. Its purpose is to advance the science of Psychology and to encourage, stimulate and maintain scholarship of the individual members in all fields, particularly in Psychology.

The requirements for membership in Psi Chi start with completion of 12 semester hours in Psychology at SSC; some grade point requirements also exist.

Social and Service Sororities and Fraternities

Sororities

Alpha Sigma Tau

Alpha Sigma Tau was founded by eight women at Yipsilanti State College in 1899. The sorority's purposes are to develop the character of each member through a study of ethics thus illustrating sincerity, honesty, love and understanding, to help each woman enjoy cultural advantage and to develop in each member the social graces.

A woman is a member of AST who, after being rushed according to college regulations and pledged and initiated as prescribed in the Standing Rules for Collegiate Chapters, pays the required fees and signs the ritual book.

Delta Sigma Theta, Inc.

Delta Sigma Theta, Inc. was founded in 1913 at Howard University. The founders envisioned an organization of college women pledged to serious endeavor and community service. The students demonstrated a vital concern for social welfare, academic excellence and cultural enrichment, de-emphasizing the social side of sorority life. Today, Delta Sigma Theta is a public service sorority emphasizing scholarship and character, dedicated to a program of sharing membership skills and organization services in the public interest.

The Nu Rho Chapter of Delta Sigma Theta was installed at SSC on April 24, 1977. Membership is open to all women at SSC.

Zeta Tau Alpha

The purpose of ZTA is to promote sisterhood, to learn to serve others, to develop higher qualities of life, to intensify friendships and to promote happiness of members. ZTA is the third largest sorority in the NPC and provides lifetime membership.

ZTA was founded at Longwood College in Farmville, Virginia in 1898 and was officially established at SSC in 1975.

To be eligible for membership, one must be a full-time, female student with a 2.0 or better GPA.

Fraternities

Kappa Alpha Psi

The purpose of Kappa Alpha Psi is to help the community. The fraternity keeps in mind its main goal, which is achievement. Kappa Alpha Psi was founded January 15, 1911.

Anyone seeking affiliation with the fraternity must have a cumulative average of 2.0. The fraternity has an interest meeting every semester where men are invited to find out information on the fraternity.

Omega Psi Phi

Omega Psi Phi fraternity, meaning "friendship is essential to the soul," was founded in 1911 at Howard University. Omega Psi Phi began colonizing at SSC in 1975, receiving its charter in 1976. The fraternity has grown since being established.

The purpose of Omega Psi Phi is to build a strong and effective force of men dedicated to the principles of manhood, scholarship, perseverance and uplift; a group that is capable of giving expression to the hopes and aspirations of fellow students for social, community and academic endeavors.

A 2.5 average is required for membership.

Sigma Alpha Epsilon

Sigma Alpha Epsilon is the largest national fraternity and was the first Greek social fraternity founded on the SSC campus. Colonization was achieved in October 1975 with a formal installation taking place November 12, 1977 at which time the Maryland Sigma Chapter was formed.

The fraternity has a diversified program to enrich and broaden a student's college experience. These programs vary from strongly stressed academics, campus leadership, cultural events, fund raising and community service/philanthropic projects to an avid social life. SAE's athletic achievements include both intramural and intercollegiate competition. Membership is for life and offers a specialized "degree of friendship."

Sigma Tau Psi

Sigma Tau Psi is a local social and service fraternity established on the campus in 1984. Sigma Tau Psi's main objective is to promote fraternal brotherhood in college and post-college years. The organization sponsors a variety of programs and projects annually, many of which serve the surrounding community.

Greek Governance Systems

Panhellenic Association

The purposes of the Panhellenic Association at SSC are to inform others about the Greek system, to experience a sisterhood between sororities and to learn more about each other to work together as a unit.

Dues are paid each semester according to the number of initiates in each sorority belonging to Panhellenic.

Pan-Hellenic Council

Several Greek letter organizations of SSC, in an effort to afford development through self-expression, have united to create an intermediary agency between the administration and those organizations in all matters of general welfare. However, it is the function of this council to make recommendations to the Dean of Students Office regarding the activities of its Greek letter organizations, to coordinate activities and to influence better individual and group contributions for the institutional welfare.

Any member of the following SSC Greek letter organizations is automatically a member of the Pan-Hellenic Council: Omega Psi Phi, Phi Beta Sigma, Delta Sigma Theta, Kappa Alpha Psi, Zeta Phi Beta and Alpha Kappa Alpha.

More information regarding all clubs and organizations, honoraries, social and service fraternities/sororities is available from Tawes Hall staff offices and the Dean of Students Office in Holloway Hall.

Honors Convocation

Each year during the Spring semester, an Honors Convocation is held. At this event, public recognition is given to students who have made outstanding contributions to campus life as well as to those individuals who have distinguished themselves academically. Information on all awards is available from the Dean of Students Office, Holloway Hall.

Minority Affairs

The Minority Affairs Office exists to complement efforts already demonstrated by the staff of Salisbury State College to ensure an academically successful and socially enjoyable college experience for its minority student population.

The primary function of the Minority Affairs Office is to assist Salisbury State College and its minority students with their environmental adjustment task. Specifically, this is accomplished by maintaining open lines of communication with faculty and staff and monitoring the special concerns and interests of the minority student population.

Equally as important, the Minority Affairs officer, in cooperation with minority staff and college faculty, suggests and provides special programs essential for minority student success.

The Minority Affairs Office operates under the auspices of the Dean of Students Office.

International Students

The Admissions Office and Dean of Students Office coordinate services for the international student including, admission, evaluation of required test/credentials, placement, tutorial services, counseling, health insurance and adjustment to a new culture. In addition, the international student is assisted with completing various official documents required to gain and maintain approved student status with the U.S. Immigration and Naturalization Service.

Disabled Students

Students capable of academic success, regardless of their disabilities, are admitted to Salisbury State College. Faculty and staff work cooperatively to assist disabled students in educational endeavors and adjustments to the campus community.

Salisbury State College is recognized as a barrier-free campus. Residence hall space for disabled students is available in four of seven halls. Sidewalks and entrances to all buildings are ramped.

Prospective students are encouraged to visit the College to become familiar with the campus and to meet support staff prior to making their final acceptance decision. The Dean of Students Office welcomes inquiries from students with special needs.

Student Directory Information

Salisbury State College assumes the right, under provisions of the Federal Family Educational Rights and Privacy Act of 1974, to release directory information unless the student directs otherwise. "Directory Information" is defined as a student's name, local address (if listed), date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of an athletic team member, dates of attendance, degrees and awards received, most recent previous educational agency or institution attended and listing of officers of student organizations (including names and addresses).

In the event a student wants more than directory information released or no directory information released, he must notify in writing the Dean of Students Office, Holloway Hall.

Absence Notification

In the case of an extreme emergency or prolonged illness, the Dean of Students Office will notify individual class instructors of the dates of a student's absence from class.

Each professor establishes his own attendance policy. Notification of absence is a service to students and faculty; it is not an official excuse from classes and work missed.

College Judicial System

The Judicial System is comprised of three options for hearing breaches of student conduct - administrative hearings, Residence Judicial Board hearings, and College Judical Board hearings. Academic dishonesty is confronted by individual faculty members who may request the matter be brought before the Vice President for Academic Affairs. Appeals are referred to the College Judicial Board. The administration of discipline is handled by the Dean of Students Office and guarantees procedural fairness to the students involved. Standards of conduct, definitions of academic dishonesty, jurisdictions and procedures of hearing boards, and possible sanctions are stated in a section of the student handbook.

Employment

Salisbury State College employs over 800 undergraduate and graduate students every year. Employment opportunities are offered to full-time students primarily to help defray college expenses. In addition, students enhance their academic pursuits through the learning of skills, responsibilities, habits, attitudes and processes associated with employment. The student work force is a viable addition to the College staff which enables the institution to function efficiently on a daily basis.

Students who are selected for employment contract to work a maximum of 20 hours per week on campus. They are trained in their respective departments of employ and are evaluated at the end of their contract period by their supervisor. This evaluation becomes a permanent part of the student's employment record. Future employers may call upon the Work Experience Office to provide them with information as to a student's performance while employed on campus.

The Work Experience Office also provides students registered with the program information regarding off-campus employment. Area employers are aware of the wealth of services available to them via student employees and maintain regular contact with the Work Experience Office.

Alumni Association

The Alumni Association endeavors to maintain and strengthen communications between the College and the alumni, to continue the bond of fellowship among alumni members and to aid the College in the fulfillment of its objectives. The Alumni Association Office is located in Holloway Hall, room 231.

Alumni Officers

President ..... E. Niel Carey, '56
Vice President ..... Jim Miller, '71
Secretary ..... Peggy Martin, '67

Directors

Chairman, Achievement Awards Committee ..... Beulah Bartholomew, '29
Chairman, Special Tasks Committee ..... Wade Caruthers, '38

Chairman, Scholarship Committee ..... Gladys Brown Evans, '45
Chairman, Chapters Committee ..... John Moseman, '82
Chairman, Nominating Committee ..... Bruce Ruark, '69
Chairman, Student Recruitment Committee ..... Thomas Samaras, '78
Chairman, Publicity Committee ..... Billye Sarbanes, '62

Ex Officio

Beverly Newnam ..... Immediate Past President, '74

Academic Policies and Procedures

The most valuable asset of any educational institution is the quality of its graduates. The academic policies and procedures which follow have been established by the faculty to guide and evaluate student performance and to help ensure quality education at Salisbury State College.

It is each student's responsibility to plan his program and to meet College and departmental graduation requirements or to secure the appropriate waivers (in writing, in advance) from the Office of the Vice President for Academic Affairs.

Grading System

The following grades are used to indicate a student's achievement in individual courses:

A - **Excellent.** Denotes superior achievement. The A grade is reserved for outstanding performance.

B - **Very good.** Denotes high achievement. It is a mark of distinction.

C - **Satisfactory.** Denotes adequate achievement.

D - **Passing.** Denotes marginal achievement. The D grade indicates minimal exposure to the principles and techniques involved.

F - **Failure.** Denotes inadequate achievement. The F grade is also given for late or unofficial withdrawals. (See "Schedule-Adjustment Period").

The following symbols have no quality points assigned them nor are they computed as part of the student's grade-point average; they are included for completeness of the student's permanent record:

I - **Incomplete.** Denotes non-completion of course material for reasons beyond the student's control. The I grade is permissible only if the course deficiencies result from unavoidable circumstances. This symbol automatically becomes an F if the work is not made up prior to midsemester of the next full semester for which the student is enrolled, or at the end of one calendar year, whichever is earlier.

PS - **Pass.** Denotes a passing grade (D or better) for courses taught or taken on a Pass/Fail basis (see Pass/ Fail Credit Option).

S - **Pass.** Not for college credit. This mark has the same meaning as PS but is given instead of PS in those courses which cannot be applied to undergraduate degree requirements.

CS - **Continuing Satisfactorily.** Denotes satisfactory progress in a developmental studies course extending into the following semester.

AU - **Audit.** Denotes attendance but not credit. A student not meeting the instructor's attendance expectations will receive a W symbol (see "Auditing Courses").

W - **Withdrawal.** Denotes that during the Schedule- Adjustment Period the student officially withdrew from a course or the College (see "Schedule-Adjustment Period" and AU above).

WP/WF - **Withdrawal Passing/Withdrawal Failing.** In the event a student officially withdraws from the College after the Schedule-Adjustment Period, the symbols of WP or WF will be assigned to denote the student's status at the time of withdrawal.

NR - **Grade Not Reported by instructor.**

IP - **In Progress.** This grade is used for grading on-going thesis projects and independent studies.

R - **Repeated Course.** The letter R preceeding a grade denotes the course has been repeated: **RA, RB, RC, RD, RF.**

Credit Hours and Course Load

The semester hour, which is the unit of credit, is the equivalent of a subject pursued one hour a week in class time for one semester. Typically, a student is expected to devote 3 hours per week during the semester in a combination of class, laboratory, or outside preparation for each credit hour in any course. Thus a student who enrolls in 15 credit hours may expect to spend approximately 45 hours (total) per week in class, in laboratories, and in studying.

In order for an undergraduate student to complete most programs in four academic years, the semester load must average 15 credit hours per semester. The maximum load covered by tuition is 19 credit hours per semester. A student registering for more than 19 credit hours per semester must have the approval of the Office of the Vice President for Academic Affairs.

Grade-Point System

A four-point system is used to indicate the quality of academic work. The grade-point assignment is as follows:

A - 4 grade points
B - 3 grade points
C - 2 grade points
D - 1 grade point
F - 0 grade points

Grade points are *not* assigned for the I, PS, S, CS, AU, W, WP, WF, NR, or IP symbols. In addition, courses for which these symbols have been assigned are *not* considered in computing the semester or cumulative grade-point averages. Only grades from Salisbury State College and for credits earned through established cooperative programs are used in computing grade-point averages.

The grade-point average (GPA) is calculated as follows:

1) To compute the quality points for each course in which a grade of A, B, C, D, or F was earned, multiply the credit hours for the course by the grade points assigned to the grade. For example:

Course	Credit Hours	Grade	Quality Points
English 101	3	B	9
History 101	3	D	3
Chemistry 121	4	A	16
Math 103	3	C	6
Art 104	3	F	0
	Total 16		Total 34

2) To calculate the grade-point average for the semester divide the total quality points earned by the number of hours completed (with grades of A,B,C,D, or F), or in the above example calculate as follows:

Grade-point average for the semester
= (34 Quality Points)/(16 Credit Hours)
= 2.12

3) The *cumulative* grade-point average is calculated by dividing the total earned quality points by the total credit hours in which a grade of A, B, C, D, and F was earned.

Classification of Students

Students will be classified according to the number of semester hours completed with grades of A, B, C, D, or PS as follows:

Freshman	0-24
Sophomore	25-55
Junior	56-89
Senior	90 and above

Students will also be classified as matriculated or Special Students as follows:

Matriculated: Students who have been admitted or readmitted through the Admissions Office as degree-seeking students are classified as Matriculated. These students may be full-time taking 12 or more hours, or may be part-time taking 11 or fewer hours.

Special: Students who are not matriculated are classified as Special students. Special students may enroll for no more than 6 semester hours unless they have the permission of the Office of the Vice President for Academic Affairs or, if appropriate, the Director of Admissions. Special students are enrolled on a semester-by- semester basis through the Office of Continuing Education.

The College encourages students to matriculate for a degree, either full-time or part-time, if they have accumulated a substantial number of semester hours. Prior to the completion of 30 semester hours, the Special student must apply for admission to the College.

All students enrolled for 12 or more semester hours will pay full-time fees and tuition. Any students enrolled for 11 or fewer semester hours will have tuition assessed on a per-credit basis and will pay part-time fees.

Transfer of Credit From Other Institutions

Students whose records are acceptable may be admitted from other regionally-accredited collegiate institutions having requirements similar to those of Salisbury State College.

General Transfer Policies

1. Grades do not transfer; each transfer student will have his grade-point average computed *only* on the basis of the work which is regarded as native credit from Salisbury State College. Once a course is taken at Salisbury State College, the Salisbury State College grade point average will *not* be affected by repeating the course at another institution.
2. The last 30 hours of a student's course work must be earned at Salisbury State College (see "Graduation Requirements"). This provision, however, does not apply to students enrolled in officially-recognized cooperative programs involving Salisbury State College and other institutions (see "Cooperative Programs").
3. Evaluation of transfer credits is done in accordance with the policies in effect at that time. Subsequent changes in transfer policies will not affect credits approved for transfer.
4. Although credits from other institutions are evaluated on a course-by-course basis (see below), such credits may generally be applied to the 120-hours (minimum) of credit required for graduation (see "Graduation Requirements") and, if approved by the appropriate department, may count toward requirements in a major at Salisbury State College. Students may not transfer more than a total of 70 semester hours credit from two-year institutions, and these hours may only be applied to credit at the 100- or 200-level.
5. A student attending Salisbury State College in any regular Fall or Spring Semester has until the end of the semester to complete all forms and to have official transcripts of all prior work from other institutions sent to the Admissions Office. Transfer credit may be denied if the end-of-the semester deadline is not observed.
6. Once a given body of transfer work has been evaluated for transfer credit, the only changes which will be made to the final evaluation of transfer credit will be to correct errors of evaluation or to eliminate duplicated credits.
7. Questions concerning the evaluation of transfer credit should be directed to the Office of Admissions. Students who are dissatisfied with their evaluations may appeal the evaluations to the Office of the Vice-President for Academic Affairs, but such appeals should be made promptly. Transfer evaluations which are more than one year old will not be subject to appeal.

Special Articulation Agreements With Community Colleges

If a student holds an Associate of Arts degree from an institution which has a special articulation agreement with Salisbury State College, he may be able to enroll at the junior level with all (or part - depending upon the articulation agreement) of his General Education program completed. Students who have not completed an Associate of Arts degree, students whose Associate of Arts degree is from an unarticulated program, and students transferring from four-year institutions will have their work evaluated on a course-by-course basis (see "Course- by-Course Evaluation of Transfer Credit").

The special articulation agreements for students having Associate of Arts degrees are of two types:

Plan I. Community college transfer students who present an Associate of Arts degree from a program articulated under this plan may enter Salisbury State College with junior standing. All General Education requirements at Salisbury State College will be satisfied by the Associate of Arts degree. The Associate of Arts degree will be evaluated as a package, and the articulation agreement will specify the number of semester credit hours which will be approved for transfer.

Plan II. Community college transfer students who present an Associate of Arts degree from a program articulated under this plan may enter Salisbury State College with junior standing Specifically-indicated General Education requirements at Salisbury State College will be satisfied by the Associate of Arts degree. The Associate of Arts degree will be accepted as a package, and the number of credit hours approved for transfer will be specified by the articulation agreement. Not all courses within the package, however, may be acceptable for transfer.

Detailed information concerning these articulated programs may be obtained from the Office of Admissions.

Course-by-Course Evaluation of Transfer Credit

In order to simplify and clarify the transfer of credit from other institutions, each course which a transferring student plans to apply toward a degree at Salisbury State College will be evaluated in one of the following four categories:

1. Approved for General Education credit
2. Approved for lower-level credit
3. Approved for upper-level credit
4. Not approved for transfer credit

Each course approved for General Education credit will be clearly indicated, with a notation indicating the exact General Education requirements satisfied. In addition, each transfer student will be advised concerning courses which will satisfy any of his remaining requirements in General Education.

All other courses which are approved for transfer credit (but which are not used for General Education requirements) will be listed as specific courses or as elective credit at Salisbury State College. In order for such a course to qualify for upper-level credit at Salisbury State College, it is necessary that the course in question be taught at the upper-level both at Salisbury State College and at the sending institution. All lower-level courses from the sending institution, all courses from community colleges, and all courses which are upper-level at the sending institution but which are lower-level courses at Salisbury State College will be evaluated as lower-level courses. Some of these credits, either upper-level or lower-level, may be used to satisfy requirements in particular majors. Each department determines its own policies in this matter, and evaluates each student's record on a course-by-course basis. A student who feels his work has been improperly evaluated as lower-level credit may petition the Office of the Vice President for Academic Affairs in order to have the course count as upper-level credit at Salisbury State College.

While most courses from other institutions are applicable to a degree at Salisbury State College, certain transfer courses may not be so applied. Salisbury State College adheres to the Maryland State Board for Higher Education Student Transfer Policies, and will always accept credit from courses in college or university parallel programs. However, courses which Salisbury State College feels are not academic in nature and which are not compatible with our existing programs may not be transferred to the College and applied toward degrees. Examples of such courses include shop courses, vocational and technical courses (other than courses in sciences), and certain specialty courses in mechanical subjects. The technical courses in 2 year terminal programs which do not equate to those found in offerings at Salisbury State College will not be accepted. If a student feels that his course work has been unfairly evaluated as unacceptable for transfer credit to Salisbury State College, he may petition the Office of the Vice President for Academic Affairs for a review and a decision in the matter.

Transfer Credits For Students Seeking Admission or Readmission

1. The grade-point average for courses transferred from each institution must be 2.0 or higher in order for the block of courses to be applicable to the 120 hours required for graduation. Thus a student transferring credits with a grade-point average below 2.0 will find that he may only apply some of these credits (in a block with a grade-point average of 2.0 or above) toward the 120-hour requirement. The number of hours which each transfer student may apply toward the 120-hour requirement will be clearly explained to the student at the time his transfer credits are evaluated.
2. A student who is seeking readmission after voluntarily or involuntarily interrupting his academic career at Salisbury State College will have all transfer work which he has completed since leaving Salisbury State College evaluated in accordance with the 2.0 block rule described in No. 1 immediately above. The evaluation of work from other institutions which was completed between periods of attendance at Salisbury State College will not affect any previous evaluations of transfer credits, except that credit may not be given for work which duplicates previous work (either transfer work or work at the College).

Transfer of Credit From Other Institutions by Salisbury State College Students

1. Once a student has generated a permanent record at Salisbury State College, he is considered to be a Salisbury State College student until and unless he interrupts his academic career, and will be allowed to transfer courses from other institutions to Salisbury State College only in accordance with the following policies:

a. The course is approved for transfer credit by the student's major department and also by Salisbury State College.
b. The grade for each course transferred is A,B,C, or PS. PS credits will be accepted for transfer *only* if the student was not allowed to take the course for a grade of A,B, or C.
c. Prior approval for transferring course work must be given by Salisbury State College whenever a student completes work at another institution. Without prior approval, the permission to transfer the course work may be denied. The Registrar's Office has the appropriate form.
d. Once the work at the other institution is completed, the student has until the end of the next regular Fall or Spring semester at Salisbury State College to complete the necessary forms and have the official transcript sent to the Admissions Office. Failure to complete this process by the end of the semester can result in a denial of the transfer credits.
e. The last 30 hours of a student's course work must be earned at Salisbury State College (see "Graduation Requirements"). This provision, however, does not apply to students enrolled in officially-recognized cooperative programs involving Salisbury State College and other institutions (see "Cooperative Programs" and the paragraph below).

2. Credits earned while a student is officially registered as a participant in either the Credit Exchange Program with the University of Maryland Eastern Shore or the cooperative program with Maryland state colleges will be accepted as credit earned at Salisbury State College. Students officially registered as participants in either of these two programs will have all course work and grades earned at the other institutions applied toward graduation requirements at Salisbury State College, and these grades will be counted in the Salisbury State College grade-point average.

Cooperative Programs

Credit Exchange Program With the University of Maryland Eastern Shore (UMES)

Salisbury State College has established an Exchange Program in cooperation with UMES for full-time undergraduate students. With the prior approval of both institutions, students at Salisbury State College may participate in the Program and may enroll in courses which are offered at the University of Maryland Eastern Shore. Students participating in the Exchange Program pay fees to Salisbury State College, and the credit which is earned in this Program is considered as credit earned at Salisbury State College. Grades for courses in the Program are used in computing the Salisbury State College grade-point average. Students who are interested in the Exchange Program should contact the Office of the Registrar.

Cooperative Program With Maryland State Colleges

Full-time students at all of the State Colleges of Maryland are encouraged to attend classes and receive credits from other institutions. With the prior approval of both institutions, students who participate in the Cooperative Program pay fees to Salisbury State College, but enroll in classes at another campus. Credits earned in this manner are considered as credits earned at Salisbury State College. Grades for courses in this Program are used in computing the Salisbury State College grade-point average. Information may be obtained from the Office of the Registrar.

Dual Degree Engineering Program

Salisbury State College has special agreements with Old Dominion University at Norfolk and the University of Maryland at College Park to offer a dual degree program in engineering. Under the program a student may attend Salisbury State College for three years and either Old Dominion or the University of Maryland for two years. Students planning to transfer to Old Dominion must maintain at least a 2.0 GPA. Those who wish to transfer to the University of Maryland should expect to maintain a 3.0 GPA in science and math courses and a 2.7 GPA overall while at Salisbury State College. The graduate of this program earns a baccalaureate degree from Salisbury State and a Bachelor of Science in Engineering from either university. During the first three years at Salisbury State, the student must complete 90 semester hours, including the required General Education program and other prescribed courses as determined by the particular engineering program.

During the freshman year at Salisbury State College, the student should take the following courses:

	FALL			SPRING	
CHEM 121	General Chemistry	4	CHEM 122	General Chemistry	4
ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations I	3	HIST 102	World Civilizations II	3
MATH 201	Calculus I	4	MATH 202	Calculus II	4
	Phys. Ed. Activity	1	COSC 120	Computer Programming I	4
		15			18

For further information, contact the Department of Physical Sciences.

SSC/UMES Cooperative Dual-Degree Program(SSC Version)

In addition to the credit exchange program with the University of Maryland Eastern Shore, Salisbury State College cooperates with the University of Maryland Eastern Shore and allows a student to complete a baccalaureate program at both institutions simultaneously. This cooperative dual-degree program requires a minimum of 150 credit hours, at least 90 of which are credits counted as SSC and at least 60 of which are credits counted at UMES. The student must satisfy baccalaureate degree requirements as UMES for a program of study which is not available at SSC and must also satisfy all requirements in a major offered at SSC. In addition, the following particular requirements apply to this program: 1) The 90 (or more) credit hours of work at SSC must be completed with a SSC grade-point average of 2.0 or better; at least 30 of these credits must be credits taken on the SSC campus (cooperative program credits, examination credits, etc., may not be so counted), and of these at least 15 hours must be completed at SSC at the 300- or 400-level with grades of C or better. 2) The SSC catalog which contains the program whose requirements the student is satisfying at SSC may not pre-date by more than seven years the time of the student's graduation. Moreover the student must have been in attendance at SSC as a matriculated student during a semester in which the catalog was in effect. 3) The student must satisfy all graduation requirements as stated in an approved SSC catalog except it is not necessary for the student to be matriculated at the College at the time of graduation and the requirement that the student complete the last 30 hours of work at the College is waived. 4) In order to graduate from SSC with honors the requirements stated in the catalog which the student has chosen will be effect. Note that only SSC credits are used in computing the SSC grade-point average. 5) The student's grade-point averages at SSC and at UMES must be 2.0 or better.

The student who participates in the cooperative dual-degree program must register this fact with the department of his SSC major. The granting of the baccalaureate degree from Salisbury State College and the granting of the baccalaureate degree from the University of Maryland Eastern Shore will occur when requirements in both degree programs have been satisfied. That is, the student will receive the SSC baccalaureate degree only upon completion of the UMES degree program.

Credit by Examination

Salisbury State College has several policies regarding the recognition of college-level work completed outside of the direct institutional auspices of the College. These policies enable students with educational experiences above and beyond those normally characteristic of entering college students to demonstrate competence through examination and thus gain credit for college-level courses.

General Restrictions

Students who have successfully completed advanced courses may not gain credit by examination for lower-level courses in the same subjects or for subjects in which they are enrolled. Students may not apply more than 60 hours of credit by examination toward graduation.

College-Level Examination Program (CLEP)

The most popular means of earning credits outside the classroom among Salisbury State students is the College-Level Examination Program. CLEP is designed to " . . . help people gain recognition for what they know and can do, irrespective of how or where they learn it." Transfer students' CLEP credits will be evaluated on the same basis as credit earned by native students. Students may qualify for as many as 24 semester hours of credit through the CLEP general examinations. Students who have attained competence in college-level subjects through extensive reading or other experiences may gain credit through one or more of the CLEP subject examinations. In accordance with the recommendations of the Council of College-Level Examinations Program, Salisbury State College accepts for college credit the mean score achieved in the national norms' sample by students who earned a grade of C in a regular college course in

the subject. Provided similar course credit has not already been earned, a student may take any of the specified subject examinations (with the exception of Nursing and Medical Technology) and gain college credit from satisfactory scores.

Advanced Placement Program of the College Entrance Examination Board

The Advanced Placement Program of the College Entrance Examination Board is based on the belief that exceptional high school students can complete college-level studies, prior to entrance into college. Salisbury State College recognizes the Advanced Placement Program and awards college credit to participating students who score satisfactorily on the Advanced Placement Examinations. These credits may be used to satisfy graduation requirements.

Salisbury State College High School Advanced Placement Program

The Salisbury State College High School Advanced Placement Program is designed to contribute to the education of academically advanced high school students. The program enables regional high schools to provide college-level work with college credit. The courses in the program are taught by teachers in the high schools and are coordinated by faculty members from Salisbury State College. Upon completion of any course, each student will have the opportunity to take a college examination (in addition to his high school tests and examinations) to gain college credit prior to his formal attendance at the College. These credits may be used to satisfy graduation requirements.

Departmental Challenge Examinations

A student who wants to challenge a course (i.e., fulfill the course requirement and earn credit for the course by examination in lieu of classwork) may do so with the approval of the appropriate department chairman. A student who has not enrolled at Salisbury State College (and consequently does not already have a permanent record) is not eligible to take a challenge examination.

Military Education Credit

Students may receive academic credit for educational experiences in the Armed Forces.

Specific information regarding credit by examination, advanced placement, or credit for military education may be obtained by contacting the Registrar's Office.

College Writing Proficiency Requirement

Students satisfying graduation requirements for the 1984-85 or a subsequent catalogue, must earn a grade of C or better in English 101, English 102, and must pass a Junior-level writing examination.

The faculty believes that the ability to express ideas in a logical, organized, and convincing manner is an integral part of a liberal arts education. Students are expected to maintain and to continually demonstrate this ability in written assignments. If a faculty person believes a student needs to improve his writing ability, the student will be referred to the Writing Center for diagnostic testing and a planned course of study.

Any student who has been officially referred to the Writing Center, and who is required to complete a course of study, will not be able to enroll for the subsequent semester unless he is working in the Center to improve his writing and he will not be able to graduate until he has completed the program.

Registration

To receive academic credit for a course a student must be officially registered for the course.

General

Students must preregister or register during the periods indicated in the academic calendar or pay a late registration fee. Normally, a student will not be permitted to enroll as a full-time student after the first week of classes. The College reserves the right to discontinue any course, or section thereof, for which there is insufficient enrollment.

Drop/Add Period

The Drop/Add Period is defined as the first week of class for courses that meet two or more

times per week. For classes that meet only once a week, the Drop/Add Period will extend to the day after the second class meeting. A course officially dropped during this period will not appear on a student's permanent record.

Schedule-Adjustment Period

After the Drop/Add Period, a student may officially withdraw from a course during the Schedule-Adjustment Period and receive a W for the course. This Period extends up to one week following midsemester during regular semesters and up to a few days past midsemester (as specified in the registration materials) for summer session and Winter-term. A student officially withdrawing from the College during this period will receive a W in each of his courses (see "Withdrawal From College"). A student officially withdrawing from the College after this period will receive a WF or WP denoting the student's status at the time of withdrawal. The WF and WP marks are available only to those students who are officially withdrawing from the College. After the Schedule-Adjustment Period a grade of F will be given for all courses not completed unless the student has permission to receive an I grade. (See Grading System).

Deregistration of Students From Classes Which Are Full

During the Drop/Add Period, the instructor of a course which has full enrollment may deregister a student in order to make room for other students, provided the student deregistered has:

1. missed two consecutive class periods during the Drop/ Add Period, and
2. not notified the instructor of his intention to remain in the course.

Academic Advising

The student is responsible for planning his own academic program and for meeting requirements of the College and of the department(s) (see "Student Responsibility for Satisfying Graduation Requirements"). In order to plan his course work effectively, the student should familiarize himself with the academic regulations found in this Catalogue.

Academic advisors will be available for all entering students. During the first semester of attendance, the Office of the Vice President for Academic Affairs will assign each student an academic advisor. For a student who has declared a major, the advisor will be the chairman of the major department or his designate. For a student who has not declared a major, an academic advisor will be assigned from the faculty.

Each student must confer with his assigned academic advisor regarding course selection, requirements, and other academic matters prior to registration each semester.

Declaration of a Major

It is intended that a student's education have a firm direction and that each student receive guidance and advice from professionals in his field of interest. As such, each student is encouraged to declare a major as soon as possible, and is required formally to declare a major upon attaining junior status in order to be eligible to register.

Students declare or change their majors by completing a Change of Major Form, available from the Office of the Registrar.

A student may declare more than one major (see "Double Majors" for more information).

Class Attendance

The faculty regards the classroom as the center of college life; accordingly, students are expected to attend all classes. There are no officially excused absences. In the case of an absence, the student is responsible for all material presented and assigned.

Each instructor will provide his students with a written statement of his attendance policy at the first class meeting.

Pass/Fail Credit Option

During his junior and senior years, a student may take courses on a pass/fail basis subject to the following conditions:

A. Courses taken on a pass/fail basis may not be used to satisfy General Education or major requirements (Exceptions: Physical Education courses which are required for General Education and which are offered only on a pass/fail basis, pass/fail credits received through credit by examination, advanced placement courses, and field-based practicum courses in Education).

B. A student may take as many as 4 courses under this option, but he may elect only 1 pass/fail credit course per semester unless a course is offered only on a pass/fail basis.

The symbols "PS" and "F," denoting successful completion and failure respectively, will be used for courses taken under the Pass/Fail Credit Option. At the time of registration, the student must indicate which course he wishes to take on a Pass/Fail credit basis. Changes in registration, either to or from the Pass/Fail Credit Option, are permitted only during the Drop/Add Period.

Freshmen Orientation Course

This course is designed to introduce new students at the College to the many services and facilities available on campus, and to help prepare new students to take full advantage of all of the things the College has to offer. Although other students may sign up for the course on a space-available basis, the course is **mandatory** for all freshman (students who have completed fewer than 25 hours toward a degree) who are in their first semester as a full-time student at Salisbury State College. The course meets regularly during a student's first semester, counts as one hour of the student's course load (internal credit only), does not satisfy any graduation requirements, and may be taken only once. Students enrolled in "Effective Study Techniques" are exempt from taking this course. The course is offered with grades of S or F only (see "Grading System"). Students may withdraw from this course only with the permission of the Vice President for Academic Affairs.

Auditing Courses

Full fees must be paid for audited courses and audited courses will not be counted as part of the student's load and will not be applied toward the completion of any graduation requirements. Changes in registration, either to or from audit, are permitted only during the Drop/Add Period. Students auditing courses are expected to attend classes or laboratories in accordance with the established class attendance policy. If a student does not attend class, a grade of W will be recorded.

Duplication of Course Content

Once a student has received credit, he may not receive credit for any course with equivalent material. Thus, it is intended that a student's intellectual activities are ever advancing into more challenging areas, not regressing through material already mastered.

Repeating A Course

Except for courses whose descriptions indicate they may be taken more than once for credit, no course in which a grade of A, B, C, D, or PS has been earned may be repeated for additional credit. If a student repeats a course, the last grade earned by the student will be the grade used for computing the *cumulative* grade-point average, whether the last grade is higher or lower than the previous grade. For example, any course in which a grade of F has been received may be repeated and, if successfully passed, the new course grade will be the one used to compute the student's cumulative grade-point average. The student's official transcript will reflect the repetition of a course.

Repeating a Special Topics Course

Certain specially-numbered courses in various departments may be repeated for credit provided the material covered is significantly different from previous work. It is the responsibility of the student to be certain he is in accordance with this policy when repeating a Special Topics course. Each time such a course is taken, the grade-point average will be computed as if the student had taken a different numbered course.

Outstanding Academic Achievement

The faculty wishes to recognize those students who have demonstrated outstanding academic achievement. Such recognition is manifested as follows:

A. **Dean's List:** The Dean's List, compiled and issued each semester by the Academic Vice President, is composed of students who have met the following academic standards: At least 12 semester hours with grades of A, B, or C, with a grade-point average of 3.5 or higher for that semester. Students so honored will receive a certificate and will have their names entered on the Dean's List.

B. **Honors Convocation:** Each spring semester those students who have distinguished themselves academically will be recognized (see "Student Activities").

C. **Graduation With Honors:** To be eligible to receive a Bachelor's degree with honors, a student must complete at least 60 semester hours at Salisbury State College, at least 30 semester hours of which must be in 300- or 400-level courses with grades of A, B, or C. To receive honors at graduation, the student must have a minimum *cumulative* grade-point average as follows: SUMMA CUM LAUDE - 3.8; MAGNA CUM LAUDE - 3.6; CUM LAUDE - 3.3. Students completing a second Bachelor's degree will not be eligible for consideration.

Unsatisfactory Academic Achievement

Midsemester Deficiency Reports

A student who is performing unsatisfactorily in any course at midsemester will be notified of his inadequate performance by the appropriate instructor, who will also inform the Vice President for Academic Affairs. Given this warning, the student is responsible for adjusting his study habits and/or seeking assistance and advice so that he can succeed in his academic program. These warnings are intended to be helpful to the student. They are not recorded on a student's official transcript.

Academic Probation and Dismissal

A *cumulative* grade-point average of 2.0 is the minimum acceptable standard for work leading to a baccalaureate degree. A student whose *cumulative* grade-point average is 2.0 or higher is in good academic standing. A student is automatically placed on academic probation or maybe academically dismissed if either 1) his grade-point average in his first semester at Salisbury State College falls below 1.5, or 2) his *cumulative* grade-point average in other than his first semester at Salisbury State College falls below 2.0. Students on academic probation are *strongly* urged to seek advice and assistance from their faculty advisors and from other offices and facilities on campus. In accordance with College policy, a student on academic probation may be limited in his participation in college-sponsored extracurricular activities. Further information is available from the Dean of Students Office. A student may be dismissed if he is on academic probation for two consecutive semesters.

The policies regarding students who are not in good academic standing are under continual review, and the College reserves the right to change or replace them at any time, provided the students, administration and faculty are notified in a reasonable timely manner. The policies which follow and the corresponding policies listed under "Readmission", are those in effect at the time the catalogue was printed. In the event these policies change, every student will receive a copy of the changes.

For the first 56 credit hours applicable to a degree, the minimum *cumulative* grade-point average for continuance is defined by the following equation:

$$\text{Minimum GPA} = 0.02 \times (\text{hours applicable to a degree}) + 0.88$$

A few representative points are as follows:

Credit Hours Applicable to a Degree	Minimum GPA For Continuance
10	1.08
20	1.28
30	1.48
40	1.68
50	1.88
56	2.00

After the student has completed 56 credit hours toward a degree, a minimum *cumulative* grade-point average of 2.0 is required for continuance. A student whose *cumulative* grade-point average falls below the minimum GPA for continuance will be subject to academic dismissal. A student who has completed 56 or more hours toward a degree will be allowed at most one semester on probation if his *cumulative* grade-point average falls between 1.9 and 2.0, and he will be dismissed if his *cumulative* grade-point average falls below 1.9 (see "Admission and Testing Requirements as Established by the Board of Trustees, paragraph 6"). A student who has been academically dismissed may petition readmission to the College (see "Readmission" for more information).

Withdrawal From College

A student may withdraw from the College as late as 4:30 p.m. of the last day of classes. Any student who withdraws from the College during any period of instruction must complete a Withdrawal Form obtained from the Dean of Students Office and must have an exit interview with an assigned interviewer. Withdrawal becomes effective on the date that the official Withdrawal Form is completed and dated by the exit interviewer. Students who officially withdraw from the College after the Schedule Adjustment Period will receive grades of WP or WF to denote the student's status at the time of withdrawal. A student who does not file the official Withdrawal Form will forfeit the right to refund of tuition (see "Schedule-Adjustment Period"). If a student withdraws, he must be readmitted to the College before he is eligible to register for classes (see "Readmission").

Readmission

A student whose enrollment at the College has been interrupted must apply for readmission through the Office of Admissions.

If the student has attended other institutions since leaving Salisbury State College, he must request official transcripts be sent from those institutions to the Office of Admissions.

A student who withdraws or is dismissed for poor academic performance, or who is suspended for misconduct, may be considered for readmission. Such a student must petition for readmission by writing a letter to the Vice President for Academic Affairs stating the reason(s) he is no longer enrolled at the College, and (for students who are dismissed) the steps he intends to take in order to succeed academically. The Admissions/Readmissions Committee will read the student's letter, consult pertinent records, and interview the student (if an interview is deemed necessary). After careful consideration, the Committee may grant the student readmission as a matriculated student, may deny the student readmission but allow him to take courses as a special student, or may deny the student to take any courses for a designated period of time. The Committee may specify conditions under which a student may be enrolled. The conditions may include (but not be limited to) probationary status, restricted extracurricular activities, remedial work, number of credit hours, etc. These conditions will be established and the student will be notified of them prior to registration. Failure to comply with such restrictions will result in immediate academic dismissal.

Academic Dishonesty

The term Academic Dishonesty shall mean the misrepresentation of one's work as being guileless in its development and original in its content. Such misrepresentation of academic work includes but is not limited to:

A. Plagiarism: Claiming as one's own work, be it literal or paraphrase, the work of another.
B. Cheating on exams, tests, and quizzes, including the giving or accepting of unauthorized exam material and the use of illegitimate sources of information.
C. Illicit collaboration with other individuals in the complementation of course assignments.
D. Use of fraudulent methods in laboratory, studio, or field work.

Procedure For Handling Cases of Alleged Academic Dishonesty

STEP 1: Faculty Action

Individual faculty members are to deal directly with any cases of academic dishonesty which arise in their classes. The phrase "deal directly" assumes the faculty member will meet with the student and confront him with the fact of dishonesty and impose an appropriate sanction, reflecting the seriousness of the act and ranging from an informal warning to, but not beyond, the issuance of a grade of F for the course. If the faculty member feels the case warrants punishment beyond the issuance of an F grade for the course, he may request a formal hearing with the Vice President for Academic Affairs, provided he requests the hearing within five class days of his meeting with the student.

STEP 2: Student Action

The student who is accused of academic dishonesty by a faculty member may either accept the penalty imposed by the faculty member or he may request a formal hearing with the Vice President for Academic Affairs. The request for the formal hearing must be made within five class days of his meeting with the faculty member.

STEP 3: Formal Hearing by Vice President For Academic Affairs

If, in the judgment of the faculty member, the alleged act of academic dishonesty warrants extreme sanctions, he may request that the matter be brought before the Vice President for Academic Affairs for a formal hearing and judgment. Similarly, if the student wishes to appeal the decision of the faculty member (as outlined in Step 1 above), he may request a formal hearing before the Vice President for Academic Affairs.

Upon the request of either a faculty member or a student, the Vice President (or his designate) shall, within 5 class days of a formal request, schedule a formal hearing. The Vice President (or his designate) shall then hear the case and render his decision in the matter. The sanctions imposed by the Vice President for Academic Affairs (or his designate) may range from a verbal warning to academic suspension or dismissal from the College. Either the faculty member or the student may appeal the Vice President's decision to the College Judicial Board, provided the appeal is made within five class days after the decision of the Vice President for Academic Affairs is announced.

STEP 4: Hearing by College Judicial Board

Upon appeal of the decision of the Vice President by either the faculty member or the student involved in the case of alleged academic dishonesty, the College Judicial Board will convene with 5 class days of a formal request. They will review the entire matter, and may amend the punishment as they see fit. The decision of the College Judicial Board may be appealed to the President of the College by either the student or the faculty member, provided the appeal is requested within two class days of the announcement of the decision of the College Judicial Board.

STEP 5: Final Appeal

If the student or the faculty member involved in a case of alleged academic dishonesty is not satisfied with the decision of the College Judicial Board either may appeal the decision to the President of the College. The President shall meet with the parties involved, including the Vice President for Academic Affairs and the chairman of the College Judicial Board and shall render a final decision in the matter.

Student Responsibility for Satisfying Graduation Requirements

The catalogue is an information guide and is not a contract. The College reserves the right to change requirements for degrees, prerequisites, fees, scheduling, grading systems, and related matters. All such changes are implemented in such a manner that any new requirements will work no hardship on a student who had previously entered the College under another set of requirements.

In the implementation of changes, a matriculated student is usually allowed to satisfy College and departmental graduation requirements as stated in any Salisbury State College catalogue which satisfies all of the following conditions:

1) The catalogue selected does not pre-date by more than seven years the catalogue in effect at the time of the student's graduation;
2) The catalogue was in effect during a semester or Summer Session in which the student was matriculated as either a degree candidate at Salisbury State College, or a student at a Maryland community college;
3) The catalogue selected meets all requirements imposed by external agencies; and
4) The catalogue selected does not require the College to retain and/or provide disestablished policies, curricula or special facilities, or to continue to provide resources unnecessary for the execution of the existing academic program.

A student is considered to be matriculated if he is accepted for admission and enrolls in classes. Special students are not considered to be matriculated.

A matriculated student may generally select from among several catalogues and satisfy the degree requirements from one of his choice, but he must satisfy *all* graduation requirements stated in the catalogue he selects. Consequently, it is each matriculated student's responsibility to select a catalogue and to plan his academic career with careful attention to the requirements, regulations, and policies contained therein, or to secure the appropriate waivers (in writing, in advance) from the Office of the Vice President for Academic Affairs.

Application for Degrees

At the beginning of his final academic year, the candidate for a degree must complete an Application for Graduation Form and pay the required fee in the Office of the Registrar. Each student who applies for graduation will have his academic record officially audited by the Registrar's Office to show precisely what courses he must take to complete degree requirements. The

results of this audit will be available from the student's advisor prior to the first day of the student's final semester. Should a student have to postpone his graduation, he must file another application form and pay another fee.

Graduation Requirements

Before a student is eligible to be graduated he must

A. Be a matriculated student in the College.
B. Have successfully completed at least 120 credit hours of course work with a *cumulative* grade-point average of 2.0 or higher; transfer students must have a grade-point average of 2.0 or higher for all transfer credits, and they must have completed at least their last 30 credit hours at Salisbury State College with a *cumulative* grade-point average of 2.0 or higher.*
C. Have completed at least 60 credit hours by direct classroom instruction and/or laboratory experience, and not through Credit by Examination; of these 60 credit hours transfer students must have completed at least 30 credit hours at Salisbury State College by direct classroom instruction and/or laboratory experiences (see "Credit by Examination").
D. Have completed at least 30 credit hours at the 300- or 400-level with a grade of C or better; of these 30 credit hours transfer students must have completed at least 15 credit hours at the 300- or 400-level at Salisbury State College with a grade of C or better. NOTE: Other than field-based courses in the Department of Education, courses taken on a PS/F basis do not satisfy this requirement.
E. Have satisfied the General Education Requirements.
F. Have satisfied the requirements in at least one major program of study. Although some majors have more stringent requirements, the minimal grade-point average in the major must be 2.0 or higher.
G. Have earned grades of C or better in ENGL 101 and 102 and passed the Junior-level writing examination.
H. Have submitted an Application for Graduation Form to the Registrar by the appropriate date.
I. Have paid the graduation fee and made arrangements for the repayment of any outstanding debt.
J. Have returned all materials borrowed from the Library or academic departments.

*Although students in special cooperative programs complete their course work at other institutions, all other students must take their final 30 credit hours at Salisbury State College. Under extraordinary circumstances, the Vice President for Academic Affairs may grant permission to take a maximum of 6 hours of the final 30 hours at another campus. However, in no case does this permission waive the requirement that at least 30 hours be completed at Salisbury State College.

Minor Programs

Minors are not required but are optional for a department to offer and for a student to include. If chosen, the minor will appear on a student's academic record when its completion has been certified to the Registrar by the department offering the minor.

Double Majors

A graduating senior may simultaneously satisfy the requirements for more than one major, and if so, at the time he applies for graduation, he may request to have his official transcript show all the majors that he has completed. Please note that a student receiving a double major receives only a single baccalaureate degree from Salisbury State College, whereas a student who participates in the Second Bachelor's Degree Program (see below) receives two separate degrees.

Second Bachelor's Degree Program

The Second Bachelor's Degree Program provides the opportunity for college graduates to earn a second undergraduate degree in a different major. Interested students should contact the Office of Admission.

The requirements for a second Bachelor's degree are as follows:

A. After a student has earned his first baccalaureate degree, he must complete a minimum of 30 semester hours of course work at Salisbury State College, with a *cumulative* grade-point average of 2.0 or better, including at least 15 semester hours with grades of C or better in the major or area of concentration.
B. Students must complete all departmental requirements for a major offered at Salisbury State College.
C. Students completing a second Bachelor's degree are not eligible for graduation with honors.

Academic Services

Honors Program

The College believes that able, highly-motivated students should be afforded academic opportunities which will accelerate and enrich their intellectual development. To that end, the College has established an Honors Program that offers in several academic areas select courses which are designated in the academic schedule as honors courses.

Students enrolled in these special classes should expect to deal both more extensively and intensively with the matter of the course, and will be required to take a more active role in directing the activities of the class than is typically expected.

Students with high academic achievement are encouraged to seek admission to the Honors Program. Unless special exception is granted, students will be permitted to take no more than three honors courses per semester. Recognition of honors achievement will be clearly noted on the student's official academic transcript.

Students interested in the Honors Program should contact the Office of the Vice President for Academic Affairs.

Developmental Studies Program

The Developmental Studies Program offers students who may need additional work in reading, writing, or computational skills challenging academic opportunities in the form of select courses that enable students to better meet the requirements of college-level work. Also, the Developmental Studies Program provides three centers which are open to all students at Salisbury State College who wish to improve their skills. Each of the three centers has a staff of trained tutors who help the student diagnose his needs and who prescribe an individual program of instruction. The individual tutorial conference is the keystone of the Developmental Studies Program, although each center does have a variety of print and audio-visual materials in the content area to enable a student to work independently of a tutor or to supplement the one-to-one conference with a tutor.

Reading Center

The Reading Center is open to all students who wish to develop, practice, and apply their reading skills. The staff is prepared to help students develop their vocabularies, increase their reading rates, and improve comprehension of texts.

Writing Center

The Writing Center is another resource for all students in the College. Students can work with a tutor to develop personal programs to improve writing, or students can walk in whenever they have specific questions about writing themes, term papers, reports, letters, case studies—or whenever they have any question about writing.

Math Center

The Math Center has a staff of tutors prepared to help students with questions about topics from arithmetic through calculus. The services are available to all students, whether or not they are taking mathematics courses. For those students who wish to assess their mathematics backgrounds before taking specific courses, the Center provides diagnostic and placement tests.

Tutoring

Some departments have tutors available to provide extra help for students in lower-division courses. The departments with tutors select advanced students to work with individuals or small groups to increase understanding of course material. The times and places for these free tutoring services are announced in the College's "Weekly Newsletter."

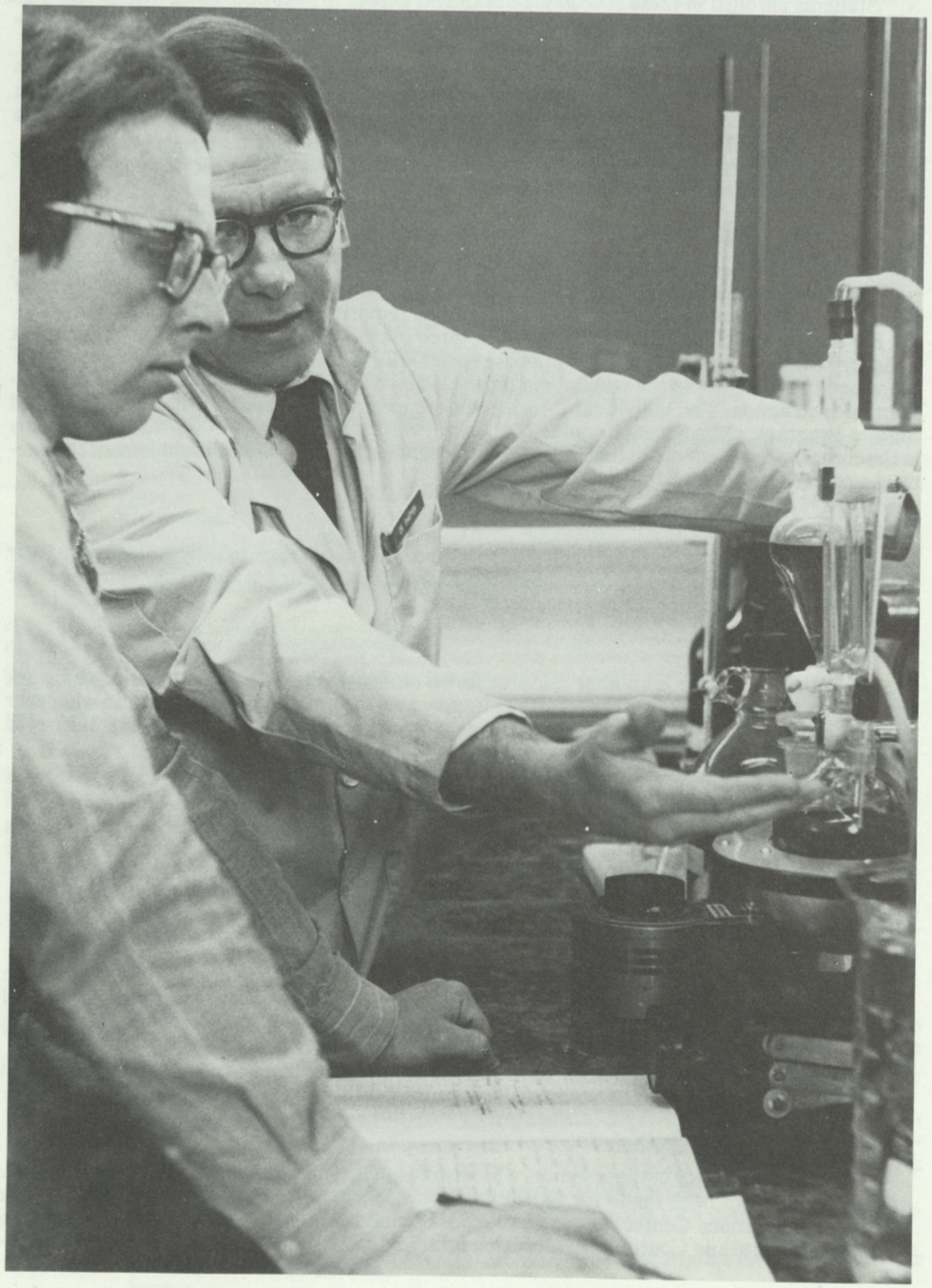
Students who are interested in these supportive services should consult the appropriate department chairman or the Director of the Developmental Studies Program.

Graduate Record Examinations

For the convenience of those seniors who wish to qualify for admission to a graduate school, arrangements have been made for Salisbury State College to serve as a National Graduate Record Examinations Center for the October and June testings. Students should contact the office of Graduate and Continuing Education for specific testing dates and additional information.

Transcripts

Transcripts of a student's record will be sent to other educational institutions and organizations only upon the written request of the student. A nominal fee will be charged for each copy of the Student's Scholastic Record and must be paid before the transcript is sent. Official transcripts are not issued to the individual student or graduate. All financial obligations to the College must be met before a transcript is issued. For additional information, contact the Office of the Registrar.



College Curricula

Degree Programs

The College offers undergraduate programs leading to the Bachelor of Arts, the Bachelor of Science, and the Bachelor of Arts in Social Work degrees. Requirements for graduation include satisfactory completion of one hundred twenty semester hours, forty-five semester hours of which must be taken in prescribed general education courses. Several majors require more than 120 semester hours to satisfy requirements. See the particular department for details.

The College also offers a graduate program leading to the Master of Education degree and to Master of Arts degrees in English, History, Psychology, and the Master of Science degrees in Business Administration and Nursing.

General Education

All students seeking a bachelor's degree from Salisbury State College are required to complete a series of courses fulfilling General Education requirements. The Faculty of the College believes that General Education is an essential element in the college experience, and it has structured the components of the General Education Program to realize both a traditional and a contemporary mission.

The traditional mission is to assure the perpetuation of the ideal of liberal arts that an educated man ought to know a great deal about something and a little about everything. The contemporary mission of General Education has evolved into the means for providing all students, regardless of their major fields, a common ground of awareness, sensitivity, and competence with which to meet the challenges of the world as educated men and women. Moreover, there is today a particular concern that all students be able to think critically and express themselves clearly.

General Education at Salisbury State College consists of 45 credit hours distributed among four groups, each of which is composed of allied subject matter.

Group I requirements consider man's ability to communicate and examine expressions of his character and aesthetic heritage. It is expected that Group I course work will bring students to a point of competence in written and oral expression as well as provide an appreciation of beauty and truth embodied in the traditional disciplines of the humanities. Group II offers courses in the area of history and social science, thus affording perspectives and insights on the interaction of man with his social world. Group III involves experiences in the scientific method and structures on which it is based which lead to an appreciation of the interdependence of man and the natural world. Group IV provides a selection among courses in physical education designed to enhance the individual's understanding of his body, its movement, and the values of fitness.

The Faculty believes that General Education is the essential enriching experience of a college education. There ought to be a synthesis, on the part of every student, of the content and processes covered in the various General Education courses. The product of this synthesis should yield a feeling of fulfillment and competence characteristic of an educated man or woman.

General Education Courses

All programs leading to the bachelor's degree include a minimum of 45 semester hours in general education courses distributed as follows:

Group 1 — 15 hours

A. English 101, 102 (with grades of C or better) and three additional hours in literature from the Departments of English or Modern Languages.

B. Art, Music, Communication Arts, Philosophy, and Modern Languages (excluding 101). Six hours from at least two departments.

Group II — 15 hours

A. History 101, 102.

B. Economics, Human Geography (excluding Physical Geography), History, Political Science, Psychology and Sociology. Nine hours selected from at least two of the departments.

Group III — 12 hours

Courses with laboratories from at least two of the following four areas: Biology, Chemistry, Physics, Geology-Physical Geography; remaining two courses, which need not necessarily include laboratories, to be chosen from any of the above areas, Mathematical Sciences or Computer Science.

Group IV — 3 hours
Physical Education 106 for 2 hours credit plus one additional activity course.
Note: TV courses offered through a specific undergraduate department will meet SSC's General Education requirements.
Additional Requirements: Since some majors designate certain required courses within the general education courses, check your major requirements carefully.

Majors

The following majors are offered within the College.

Accounting	French	Philosophy
Art	Geography	Physical Education
Biology	History	Physical Science
Business Admin.	Leisure Studies	Political Science
Chemistry	Liberal Studies	Psychology
Communication Arts	Mathematics	Social Science
Economics	Medical Technology	Social Work
Elementary Education	Nursing	Sociology
English		Spanish

NASDTEC* approved teacher education programs are offered in the following areas:

Biology	History
Chemistry	Mathematics
Communication Arts	Music K-12
Elementary Education	Physical Education K-12
English	Physical Science
French	Spanish

*National Association of State Directors of Teacher Education and Certification

Specific statements on degrees and requirements are listed under each school in the section "Academic Units and Programs."

Minors

Salisbury State College provides students with an opportunity to develop special competencies in a variety of areas outside their major fields of studies. The College requires that at least 15 hours of the work applied toward a minor must consist of courses which are not used to satisfy General Education requirements. Additionally, some minors require grades of C or better in all courses applicable to the minor. Minors are offered both in specific departments and in several interdisciplinary areas. Minors are available in American Studies (see below), Anthropology (see Sociology), Biology, Chemistry, Comparative Literature (see below), Computer Science, Economics, English, Geography, Gerontology (see below), History, Modern Languages, Philosophy, Planning (see below), Political Science, Psychology and Sociology. Information about minors is available from faculty advisors, departmental offices, and the Office of the Vice President for Academic Affairs.

Interdisciplinary Minor in American Studies

The interdisciplinary minor in American Studies consists of eighteen credit hours. Required courses will be: History 412 (3 hours), and History 413 (3 hours). Two of the following: English 426 (3 hours), English 427 (3 hours), English 457 (3 hours), and English 458 (3 hours). History 375 (also crosslisted as English 300). Topics in American Studies (3 hours). To be taken twice under different course titles recorded with the registrar.

Students may not use courses to satisfy both requirements in the minor and requirements in their major. Students must make a grade of C or better in courses required for the American Studies minor. The minor will be administered jointly by the History and English Departments. Coordinator of the American Studies minor will be Mr. Donald Whaley (History).

Interdisciplinary Minor in Comparative Literature

The minor in Comparative Literature has a prerequisite of English 162. Students must choose a minimum of fifteen (15) hours to be distributed as follows: Six (6) hours from English 207, 208, and 222; Nine (9) hours from the following with at least three (3) hours in French literature and three (3) hours in Spanish literature -fifteen (15) hours total: Modern Language 300, 301, 302; French 350, 351; Spanish 350, 351.

Students may use courses to satisfy requirements/only in the minor, or only in the major/ or only in General Education requirements. Students must make a grade of C or better in courses

required for the Comparative Literature Minor. The students in the minor will be advised jointly by the English and Modern Language Departments. Coordinator for the Comparative Literature Minor will be Dr. St.Martin of the Department of Modern Languages and Intercultural Studies.

Interdisciplinary Minor in Gerontology

This minor consists of eight semester hours of core courses (Biology 208, Psychology 422, and Sociology 440), and a minimum of nine semester hours from among the following: Economics 340, Leisure Studies 305, Psychology 323, Social Work 310, 473 and 475. Students are encouraged to organize their elective selections to complement their major academic and/or vocational areas of interest.

Individual directed-study courses from various majors may be utilized with the permission of the coordinator of the Geronotology minor. All courses applied to the Gerontology minor must be completed with a grade of C or better, and at least 15 semester hours must be courses which are not being used to satisfy either General Education or major requirements. For detailed information, contact the Sociology Department.

Interdisciplinary Minor in Planning

This minor requires completion of 21 semester hours with a minimum of six semester hours at the upper division. All courses applied to the Planning minor must be completed with a grade of C or better, and at least 15 semester hours in the minor must consist of courses not used to satisfy either General Education or major requirements.

The minor in Planning provides a flexible structure from which students can devise a suitable curriculum to complement their major. It is designed to strengthen and diversify a student's undergraduate training, enhance the range of career opportunities available upon graduation, and provide suitable preparation for those considering a graduate degree in urban and regional planning. Students are encouraged to seek the assistance of the coordinator of the Planning minor regarding course selection and program development.

Geography 208 is required for the minor. Additionally, at least one course must be selected from each of the following six areas: **Planning Theory and Practice:** Geography 210, 404, 406, 408. **Methodological and Technical Background:** Computer Science 120; Geography 205, 317, 321; Math 114, 151, 313, 314; Sociology 410. **Economic, Finance and Management Background:** Business Administration 311, 320; Economics 201, 202, 317, 336; Geography 407. **Physical and Environmental Background:** BIOL/CHEM/ GEOG 220 (Honors), Biology 326; Chemistry 109; Geography 411, 413; Geology 103. **Political Background:** Political Science 110, 202, 220, 320, 431. **Social Background:** Sociology 214, 312, 335, 414, 419, 440, 452; Social Work 420. For detailed information, contact the Department of Geography and Regional Planning.

Minors Available at UMES

Salisbury State College and the University of Maryland Eastern Shore have a cooperative agreement which allows students to earn a Minor at the other institution. The following Minors are available to SSC students: Agricultural (22 credits), Hotel Administration (18 credits), Food and Beverage Management (18 credits), Foods (21 credits), Clothing (18 credits), Construction Management Techniques (22-23 credits), Construction Management (21 credits), Industrial Arts Teaching Certificate (36 credits), Industrial Arts with a technical application for industry (24 credits), and Poultry Technology (18 credits).

Liberal Studies

Salisbury State College offers a major in Liberal Studies for two reasons: first, to allow a student to have the opportunity to create for himself, within certain limits, a completely individualized curriculum, one which will be uniquely suited to his special needs. It is increasingly evident that the traditional, lock-step curricula with their traditional majors have, in many instances, become insensitive to the individualism of today's college student. Likewise, it is increasingly evident that more and more students are coming to college not really wanting one of the usual majors, but rather wanting simply to read and study widely in a variety of areas. This major allows them to do so.

Second, to enable a student to earn a Bachelor's degree by undertaking a concentrated study in an area in which the college does not offer a formal major.

In either case, the program makes it possible for a student to earn a Baccalaureate degree without having to declare a traditional major. The program provides, therefore, official recognition — in the form of the college degree — for a personalized combination of courses in the liberal arts.

The requirements for a degree in Liberal Studies are:

A. Completion of all general education requirements.
B. Completion of 120 semester credit hours.
C. Completion of a minimum of 30 semester hours in 300-400 level courses, with a grade of C or better in those courses. A minimum of 15 hours of upper division work with C or better grades must be completed at Salisbury State College.

A student planning to earn a Baccalaureate degree in Liberal Studies will be assisted by the Director of Liberal Studies or a faculty advisor of his choice. Any student interested in this program should see the director as early as possible.

The student may be awarded either a Bachelor of Arts degree or a Bachelor of Science degree, whichever is deemed more appropriate by the Vice President for Academic Affairs. For those students who wish to double major in a traditional major and Liberal Studies, none of the courses used to satisfy graduation requirements in one of the majors may be used toward satisfying graduation requirements in the other without consultation with and permission of the director.

In addition to these programs, Salisbury State College provides an opportunity for people who have completed technical or vocational educations to supplement their training with liberal arts courses and to earn a Bachelor's degree with approximately two additional years of college work. Contact the Office of the Vice President for Academic Affairs for details.

Pre-Professional Programs

Pre-Law:

Students with aspirations for law school and a legal profession are encouraged to develop a strong background in liberal arts. Generally speaking, law schools are receptive to applicants who have developed the ability to think clearly and critically, irrespective of their undergraduate majors. Therefore, students interested in the legal profession should select courses which will help them develop the ability to comprehend the complex issues that are associated with human institutions and values as well as foster the ability to communicate that understanding effectively.

Detailed information on law schools, applying for admission to law school and the Law School Admission Test is available from the pre-law advisor, Dr. Harry Basehart.

In addition, Salisbury State College cooperates closely with the University of Baltimore School of Law to provide counseling to students seeking admission to that institution. Members of the University of Baltimore staff make frequent visits to the Salisbury State campus to meet with interested students. The Law School also provides opportunities for SSC students to attend on-site orientation programs and class visits at the University; sponsors informational sessions for minority applicants; and provides individualized assistance to students seeking information on academic programs, admission standards and procedures, housing, and financial aid.

Although participation by Salisbury State College students in this cooperative pre-law advisement program does not guarantee admission to the University of Baltimore School of Law, it does provide needed information and services to students contemplating legal careers. Specific criteria for admission to the University of Baltimore School of Law are reflected in the official catalog of the University.

Pre-dental, Pre-medical, Pre-pharmacy, and Pre-veterinary:

Students who wish to prepare for one of these professions may major in any discipline. Course selection is important, however, and the appropriate health professions advisor should be consulted early for help in program planning. The following set of science courses is the *minimum* preparation that is required of entering students by most professional schools:
Biology 121, 122.
Chemistry 121, 122, 203, and 204.
Mathematics 121 and 201 (or 150).
Physics 121 and 122.

In addition to college advisors, a physician, a dentist, a veterinarian, and other health professionals (constituting a Pre-Health Advisory Committee) are available to counsel students.

Academic Units and Programs

School of Business

Dr. Gary Lee Pielemeier, Dean

The responsibility of the School of Business is to provide an educational environment that prepares an individual for a career of his choosing in the general areas of business as well as non-profit and public enterprise. The formal, diversified programs of study have been designed to accomplish this end.

The goal of the School is to provide an academic program that will meet the highest standards of business education, and give students an interaction with the business world that will prepare them for their careers. Courses are designed to encourage students to think clearly; show sound judgment; communicate, both verbally and in writing; develop interaction skill; and to make rational decisions under conditions of uncertainty. Students will be provided with ethical and motivational foundations for service to business, government and community.

The School of Business offers three degrees: the Bachelor of Science, with a major in Accounting; the Bachelor of Science, with a major in Business Administration; and the Bachelor of Arts, with a major in Economics. Students may choose an area of concentration within the Business Administration major of: economics, finance, information systems management (ISM), management, or marketing. Those students who want to design their Business Administration program may choose an individualized curriculum. Both the Accounting and Business Administration majors have two divisions: lower division and upper division. The lower division must be successfully completed prior to admission to either major and before one can take upper division accounting, business administration and economics courses.

The Economics major requires General Education requirements and certain specified courses in economics, business administration and math.

A student may elect to have a minor in Economics by taking at least 15 hours of specified economics courses.

The School of Business also offers courses of study leading to the graduate degree of Master of Business Administration. See the Graduate Catalogue for details of this program.

Accounting

(Dept. No. 0502)

The Bachelor of Science with a major in Accounting is a program designed for those students seeking career opportunities in public, private and/or governmental accounting. The program meets the current Maryland eligibility requirements to sit for the Uniform CPA exam.

The major in accounting requires at least 126 semester credit hours in order to meet degree, School of Business, and the College General Education Requirements.

The accounting curriculum is separated into two segments referred to as the lower division and the upper division. The lower division courses (28 credit hours) must be successfully completed prior to full admission to the Accounting major and prior to taking upper division accounting, business administration and economics courses. The purpose of the lower division is to assure that students admitted to the Accounting major have gained the common core of knowledge essential to the successful completion of the program. Students will be classified as pre-business majors until lower division requirements are completed.

The upper division consists of 46 hours of courses in accounting, business administration and economics including 24 hours of prescribed and elective accounting courses.

Students planning on taking CPA exam should seriously consider taking ACCT 403, ACCT 404, and ACCT 342 as electives. Because of the timing of courses, prerequisites, etc., early curriculum planning is essential.

Special Students

It is the objective of the School of Business to serve all its communities. Therefore, individuals with accounting experience or with a specific interest in a course may be admitted directly to an upper division course providing they obtain the approval of the instructor. This does not apply to degree-seeking students.

Transfer Credits

All accounting students who wish to study at another institution and transfer these credits toward the accounting major must have the signature of both the Director of Undergraduate Studies of the School of Business and the S.S.C. Transfer Counselor on a properly completed Request to Study at Another Institution form.

All accounting students at Salisbury State College who must repeat an accounting curriculum requirement due to an unsatisfactory grade, must repeat that course at Salisbury State College.

Lower Division Core

The following lower division courses must be successfully completed prior to admission to the accounting major and before taking required upper division courses.

Computer Programming I	COSC 120*
Algebra with Calculus (This requirement may be satisfied by MATH 160 or MATH 201)	MATH 150*
Elementary Probability and Statistics	MATH 151
Principles of Accounting I	ACCT 201
Principles of Accounting II	ACCT 202
Intermediate Business Statistics: Applications and Analyses	BUAD 281
Macro-Economic Principles	ECON 201*
Micro-Economic Principles	ECON 202*
Communication in Business	CMAT 260*

*also satisfies general education requirements.

To successfully complete the lower division core students must have no more than two D's in lower division courses. The two D's cannot both be in Principles of Economics (Econ 201 and 202) or both be in Principles of Accounting (ACCT 201 and 202). All lower division core courses must be completed with a C or better. For permission to take upper division courses and for admission to the major in accounting, the students must have an overall C average in the lower division courses.

Upper Division Core

Students are admitted to the accounting major only after the completion of lower division requirements. Application for admission to the accounting major is made by each student through the office of the Director of Undergraduate Studies of the School of Business. Application and admission must be accomplished before preregistering for upper division courses.

Once admitted to the Accounting major, students must successfully complete the upper division core.

Financial Techniques	BUAD 311
Principles of Management	BUAD 320
Principles of Marketing	BUAD 330
Business Law I	ACCT 347
Quantitative Methods for Business Decisions	BUAD 380
Managerial Economics	ECON 307
Business Policy	BUAD 492

No more than one D may be made in all the required upper division courses; a C or better must be made in BUAD 492.

Upper Division Major Courses

To satisfy the major requirements the following courses must be completed at Salisbury State College with a grade of C or better.

Cost Accounting I	ACCT 302
Intermediate Accounting I	ACCT 304
Intermediate Accounting II	ACCT 305
Federal Income Tax Accounting: Personal	ACCT 341
Business Law II	ACCT 348
Auditing	ACCT 407

In addition at least two courses must be chosen from the following list:

Managerial Accounting	ACCT 306
Federal Income Tax Accounting: Partnership and Corporation	ACCT 342
Cost Accounting II	ACCT 402
Advanced Accounting I	ACCT 403
Advanced Accounting II	ACCT 404

A typical curriculum guide is provided for pre-Accounting (pre-Business) majors and Accounting majors (last two years) under Business Administration. A specific curriculum guide for Accounting can be obtained from the School of Business.

Business Administration

(Dept. No. 0506)

The Bachelor of Science in Business Administration offers a program designed to produce managers and staff people in the areas of economics, finance, information systems management, marketing or management. Students who desire more flexibility may also design an individualized concentration by choosing 18 additional hours from 300 and 400 level BUAD courses with permission of their faculty advisor.

A major in Business Administration requires at least 126 semester credits in order to meet degree requirements and the College's General Education requirements.

The departmental courses are in two divisions: lower and upper. The lower division (27) hours must be successfully completed prior to admission to the Business Administration major and prior to taking upper division Business Administration and Economics courses. The purpose of the division is to assure that students admitted to the major have gained the common core of knowledge essential to successful completion of upper division courses. The upper division consists of 22 hours of core courses (this is the common body of knowledge) and at least 18 hours of concentration courses.

Special Students

It is the objective of the School of Business to serve all its communities fully. Therefore, individuals with administrative experience or with a specific interest in a course may be admitted directly to an upper division course providing they obtain the approval of the instructor. This does not apply to degree-seeking students.

Transfer Credits

All Business students who wish to study at another institution and transfer these credits into the School of Business to fulfill Business Administration requirements must have the signature of both the Director of Undergraduate Studies of the School of Business and the S.S.C. Transfer Counselor on a properly completed Request To Study At Another Institution form.

A Business student at Salisbury State College who must repeat a Business Administration course requirement due to an unsatisfactory grade, must repeat that course at Salisbury State College.

Lower Division Core

The following lower division courses must be successfully completed prior to admission to the business administration major and before taking required upper division courses.

Computer Programming I	COSC 120*
Algebra with Calculus (This requirement may be satisfied by MATH 160 or MATH 201)	MATH 150
Elementary Probability and Statistics	MATH 151*
Principles of Accounting I	ACCT 201
Principles of Accounting II	ACCT 202
Intermediate Business Statistics: Applications and Analyses	BUAD 281
Macro-Economic Principles	ECON 201*
Micro-Economic Principles	ECON 202*
Communication in Business	CMAT 260*

*also satisfies general education requirements.

Successful completion of the lower division core requires that no more than two D's be made and further requires that the D's cannot both be in Principles of Economics (Econ 201 and 202) or both be in Principles of Accounting (ACCT 201 and 202). All other lower division core courses must be completed with a C or better. For permission to take upper division courses and approval of a concentration students must have an overall C average in the lower division courses.

Upper Division Core

Once admitted to the business administration major, students must successfully complete the upper division core.

Financial Techniques	BUAD 311
Principles of Management	BUAD 320
Principles of Marketing	BUAD 330
Business Law I	ACCT 347
Quantitative Methods for Business Decisions	BUAD 380
Managerial Economics	ECON 307
Business Policy	BUAD 492

Along with the upper division courses listed above, additional upper division courses from the student's selected concentration must be completed. No more than one D may be made in all the required upper division courses (core and concentration); a C or better must be made in BUAD 492.

Areas of Concentrations

The concentrations in Business Administration enable a student to select a professional program which is tailored to his career objectives.

All courses used to satisfy the **concentration requirements must be taken at Salisbury State College** and must be completed with an overall average of C or better.

Grade Requirements

Specific grade requirements are spelled out above for the lower division core, the upper division core and the concentration. Additionally, an overall C or better average is required for all courses required to satisfy the major in Business Administration.

A typical curriculum guide is provided below. Individual curriculum guides for each concentration can be obtained from the School of Business.

CURRICULUM GUIDE

Typical

		FRESHMAN YEAR			
ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
	Group I-B Elective	3		Group III Elective	3
	Group III Elective	4	MATH 151	Elem. Prob. and Statistics	3
MATH 150	Algebra with Calculus	3	COSC 120	Computer Programming I	4
		16			16
		SOPHOMORE YEAR			
ECON 201	Macro-Econ. Principles	3	ECON 202	Micro-Econ. Principles	3
ACCT 201	Principles of Acc't. I	3	ACCT 202	Principles of Acc't. II	3
BUAD 281	Intermediate Business Statistics: Application and Analyses	3	CMAT 260	Communication in Business	3
	Group II-B Elective	3		Group I-A Elective	3
	Electives	3		Elective	3
PHEC 106	Personalized Fitness	2		Physical Ed. Elective	1
		17			16

JUNIOR YEAR

BUAD 320	Prin. of Management	3	BUAD 311	Financial Techniques	3
BUAD 330	Prin. of Marketing	3	ECON 307	Managerial Economics	3
BUAD 380	Quantitative Methods for Bus. Decisions	3	ACCT 347	Business Law I	3
	Electives/Concentration	6		Electives/Concentration	6
		15			15

SENIOR YEAR

	Electives/Concentration	15	BUAD 492	Business Policy	4
		15		Electives/Concentration	12
					16

Economics Concentration

A concentration in Economics prepares the student to apply the scientific approach to those cause and effect relationships which affect the performance of the business enterprise and its impact on society's living standards. Attention is focused on understanding and measurement of the consequences of public policies and regulations, of the behavior of consumers, competitors and other important groups, and of the firm's own decisions. The emphasis on analytical skills and empirical methodology in this program provides a strong foundation for students interested in graduate study in business and those with career interests in economic research or forecasting in either business or government. The following courses are required for the Economics concentration:

Intermediate Macro-Theory	ECON 305
Intermediate Micro-Theory	ECON 306

In addition at least 12 additional hours must be chosen from the following list:

Economic History of the U.S.	ECON 300
Urban Economics	ECON 317
Money and Banking	ECON 331
Public Finance	ECON 336
Special Topics in Economics	ECON 338
Economics of Social Issues	ECON 340
Labor Economics	ECON 381
History of Economic Thought	ECON 401
Comparative Economic Systems	ECON 402
Economic Development	ECON 411
Economics for International Business	ECON 441
Financial Intermediaries	BUAD 445

Finance Concentration

Students electing a concentration in Finance can satisfy either of two major career thrusts. Large organizations have immediate financial management opportunities in the corporate financial/planning staff. In smaller organizations the functions of accounting and finance are often combined. Therefore, students in the Finance concentration may wish to acquire some additional accounting expertise. Opportunities also exist for Finance majors in financial institutions, commercial banks, savings and loan associations, stock brokerage firms, and the like. The following courses are required for the Finance concentration:

Managerial Accounting Cost	ACCT 306 or
Accounting	ACCT 302
Investments and Security Analysis	BUAD 411
Financial Management	BUAD 440
Financial Intermediaries	BUAD 445

In addition at least two courses must be chosen from the following list:

Intermediate Macro-Theory	ECON 305
Public Finance	ECON 336
Risk Management and Insurance	BUAD 312
Federal Income Tax	ACCT 342
Management Analysis of Decisions	BUAD 460

Information Systems Management Concentration

Over the past decade, information systems management has emerged as a recognized functional area in business. It is virtually impossible for most organizations to function without computer-aided information systems, and organizations will become even more dependent on such systems in the future. The ISM Concentration at Salisbury State College is designated to apply relevant computer technology, quantitative techniques, and administrative skills to the information processing problems of organizations. The Concentration requires students to develop a strong business background while acquiring revelant technical skills. There is no shortage of career opportunities for business graduates proficient in the use of computers. The following courses are required for the Information Systems Management concentration:

Information Systems Concepts for Management	BUAD 370
Information Systems Analysis and Design I	BUAD 475
Information Systems Analysis and Design II	BUAD 476
File Processing	COSC 210

Sales Management	BUAD 433
Senior Marketing Seminar	BUAD 439

In addition students must choose one elective from:

Cost Accounting	ACCT 302
Intermediate Accounting I	ACCT 304
Managerial Acccounting	ACCT 306
Operations Management	BUAD 326
Organizational Behavior	BUAD 425
Management Analysis of Decisions	BUAD 460
Data Communication System	COSC 415
(or approved COSC course)	

Marketing Concentration

Marketing opportunities are found in virtually all organizations in distribution, for producers, wholesalers, and retailers and in the marketing areas of product planning, research, and advertising. Typically, entry jobs are in sales and graduates progress to marketing management careers. The following courses are required for the Marketing concentration:

Advertising Marketing	BUAD 331
Management Marketing	BUAD 430
Research	BUAD 438

In addition at least three courses must be chosen from the following list:

Consumer Behavior	BUAD 332
Personal Selling	BUAD 333
Principles of Retailing	BUAD 334
Sales Management	BUAD 433
Senior Marketing Seminar	BUAD 439

Management Concentration

The Management concentration offers a general approach to the management of employees, finances, raw materials or information. Managers must have the ability to motivate and guide dozens or even hundreds of individuals in the same overall direction for the good of the firm. Management also may involve setting goals, mapping out plans and overseeing the entire work effort of the employees. The following courses are required for the Management concentration:

Organizational Behavior	BUAD 425
Management Analysis of Decisions	BUAD 460

In addition at least four courses must be chosen from the following list:

Managerial Accounting Cost	ACCT 306 or
Accounting Labor	ACCT 302
Management Relations	BUAD 322
Operations Management	BUAD 326
Business and Society	BUAD 420
Personnel Management	BUAD 427
Small Business Management	BUAD 428
Information Systems Concepts for Management	BUAD 370

Individualized Concentration (see faculty advisor).

Students who desire more flexibility may select at least eighteen additional hours of 300 and 400 level courses. These courses must be chosen with the approval of the faculty advisor.

Economics

(Dept. No. 2204)

Economics is the study of those factors which determine our material living standards. It involves the analysis of human values and behavior, of the operations of public and private institutions, of the limitations of technology and natural resources, and of the legal-political framework within which all are required to operate.

In the liberal arts tradition of Economics, the Bachelor of Arts degree program combines a solid foundation in contemporary economic theory with the opportunity to analyze a wide range of issues important to the material well-being of society. The emphasis on application of carefully reasoned analysis to questions of personal choice and public policy makes this program a valuable one for students seeking a professional career in education, law, research or administration as well as those seeking employment in business or government or international agencies. Students planning graduate work in Economics are advised to also take the following sequence of Math courses: 201, 202, 310, 413, 414. The following courses are required for the Bachelor of Arts degree in Economics:

Elementary Probability and Statistics	MATH 151
Macro-Economic Principles	ECON 201

	Micro-Economic Principles	ECON 202
	Intermediate Macro-Theory	ECON 305
	Intermediate Micro-Theory	ECON 306

and 18 additional hours chosen from:

Economic History of the United States	ECON 300
Urban Economics	ECON 317
Money and Banking	ECON 331
Public Finance	ECON 336
Special Topics in Economics	ECON 338
Economics of Social Issues	ECON 340
Labor Economics	ECON 381
History of Economic Thought	ECON 401
Comparative Economic Systems	ECON 402
Economic Development	ECON 411
International Economics	ECON 441
Intermediate Business Statistics: Application and Analyses	BUAD 281

All courses applied to the major must be completed with a grade of C or better.

A minor in Economics consists of a minimum of 18 hours of course work completed with grades of C or better, at least 15 hours of which are credits which are not applied toward General Education or major requirements. The required core consists of three courses: Economics 201, 202, 305 (or 306). Three additional electives must be selected from among 300/400 level Economics courses (except Econ 451 or 452). BUAD 281 can also be used as an elective in this minor.

CURRICULUM GUIDE

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
	Group I-B Elective	3		Group I-B Elective	3
	Group II-B Elective	3	PHEC 106	Personalized Fitness	2
MATH 151	Elementary Probability and Statistics	3		Group III-A Elective	4
		15			15

SOPHOMORE YEAR

	Literature Elective	3	ECON 202	Micro-Economic Principles	3
ECON 201	Macro-Economic Principles	3		Group III-A Elective	3
	Group III-B Elective	3		Electives	9
	Electives	5			
	Phys. Ed. Elective	1			
		15			15

JUNIOR YEAR

ECON 305	Intermediate Macro-Theory	3	ECON 306	Intermediate Micro-Theory	3
	Economics Core Requirements*	6		Economics Core Requirements*	3
	Electives	6		Electives	9
		15			15

SENIOR YEAR

	Economics Core Requirements*	6		Economics Core Requirements*	3
	Electives	9		Electives	12
		15			15

*Select from ECON 300, 317, 331, 336, 381, 401, 402, 411, 441.

A TOTAL OF 120 HOURS ARE NEEDED FOR GRADUATION IN THE ECONOMICS CURRICULUM.

School of Liberal Arts

Dr. Thomas L. Erskine, Dean

The School of Liberal Arts, the largest and most diverse in the college, offers a wide range of academic programs to prepare students to meet the challenges of today and tomorrow. Through its offerings the School provides training in communicating and reasoning, and it exposes students to aesthetics, to man's cultures and to man's relationship to his society and to himself. In addition to providing the traditional majors that constitute the humanities, the fine arts and the social sciences, the School offers a variety of interdepartmental programs both within the School and in connection with other schools (such as geronotology, comparative literature and fine arts administration) and vocationally oriented programs (such as journalism and graphic design). Those students who do not find an existing program that meets their needs may design, with the help of faculty, their own program within the Liberal Studies major. Faculty advisors are also available for students interested in graduate and professional schools.

In addition to the vocational programs within the traditional majors, the School offers, through its intership programs within majors, opportunities for students to learn through experience. Through these carefully monitored work programs (which range from public relations to museums to government agencies), students are afforded the opportunity both to experience the "real" world and to apply theory to life.

American Studies

(Dept. No. 0313)

The College offers American Studies to students majoring in English, History, Liberal Studies, and the other appropriate disciplines. American Studies offers students interdisciplinary studies in the nature of American society and culture and a valuable speciality in pursuit of graduate studies in their major field.

American Studies students should complete a normal departmental or Liberal Studies program, with such emphasis on the American field as their department permits. In addition American Studies students should take American Studies 315 and 480, History 412 and 413, and any two of the following: English 426, 427, 457 or 458. Other appropriate courses may be substituted for the above with the approval of the American Studies faculty.

For further information about American Studies, contact the coordinators of American Studies in the English or History Departments.

Art

(Dept. No. 1001)

The Art Department offers a balanced foundation of basic and advanced studies for students planning a career in art, with a Bachelor of Arts degree. Art exhibitions, lecturers, demonstrations, workshops, foreign field studies, practicums and publications are designed for undergraduate and graduate studies to further expand the appreciation, applications and relationships between art and other disciplines.

The goals of the Art Department are to see that those who are graduated with an art major from Salisbury State College have a grasp of the structural means by which art is created and how it may relate to other areas of their lives, personal value systems and employment opportunities. Students should understand the connections of the visual arts to other aspects of human culture.

Students may receive a Bachelor of Arts degree in Art, with a concentration in visual communications, two-dimensional design studio, three-dimensional design studio, art history, and/or art administration. The total number of semester credit hours for graduation are: approximately forty-five credit hours of General Education requirements, thirty six credit hours of core art courses, a minimum of fifteen credit hours in at least one area of art concentration and twenty-four hours of electives. Of these one hundred twenty credit hours, a student must have a minimum of thirty hours at the 300-400 level and at least a *C* or better in all art courses. In order to assist students with programs, career and graduate work planning, advising is mandatory. The departmental advising system allows the student to operate within an individualized art program tailored around personal, immediate and long range goals.

Any 100 or 200 level course, except 119, offered by the department may be considered relevant to satisfying Group I-B general education requirements at Salisbury State College. Students desiring credit without registration for art studio courses in which they have a proficiency will be required to take a written comprehensive examination and present a portfolio for review. Proficiency examinations are not available to first semester freshmen. Transfer students should contact the Art Department chairman for an appointment to present a portfolio and for advisement.

Cooperative programming is available between SSC, Maryland College of Art and Design and the seven Design Schools of America; Art Institutes of Pittsburgh, Philadelphia, Denver, Houston, Ft. Lauderdale, Atlanta and Seattle.

The Art Department reserves the right to retain permanently one work from each student in each class. The disposition of these works will be decided by the department. Other works may be held temporarily for use in special exhibitions. These will be available to owners no later than one year after the lending date.

CURRICULUM GUIDE

Studio Art Major

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Principles of Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
	Group II-B Elective	3	*ART 130	Drawing I	3
*ART 201	Intro to Art History	3	*ART 220	Principles of Color	3
*ART 120	Two-Dimensional Design	3	ART 215	Ceramics I	3
	Phys. Ed. Elective	1			
		16			15

SOPHOMORE YEAR

	Group II-B Elective	3		Group II-B Elective	3
	Group III-A Elective	4		Group III-A Elective	4
PHEC 106	Personalized Fitness	2	ART 246	Painting I	3
ART 225	Three-Dimensional Design	3	ART	Printmaking	3
ART 229	Photography I	3	ART	Art History	3
		15			16

JUNIOR YEAR

ENGL	Literature Elective	3		Group I-B Elective	3
	Group I-B Elective	3		Group III-B Elective	3
	Group III-B Elective	3	ART 261	Sculpture I	3
ART	Concentration Area	3	ART	Concentration Area	3
ART	Concentration Area	3		Elective	3
		15			15

SENIOR YEAR

ART	Concentration Area	3	ART 498	Senior Seminar	3
ART	Concentration Area	3	ART	Concentration Area	3
	Elective	3	ART	Concentration Area	3
	Elective	3		Elective	3
	Elective	3		Elective	3
		15			15

*Denotes prerequisites for upper level art courses.

Communication Arts

(Dept. No. 1597)

The department offers programs of study in several areas of instruction: speech communication and public address, mass media, journalism, speech education, and theatre arts. Students can pursue either a general program in the study of human communication or concentrate in a specialty area.

Bachelor of Arts requirements for a major in Communication Arts include completion of 33 credit hours in the department with a minimum grade of C in each course. 15 of these hours must be in upper-division (300-400 level) courses. 18 hours, including nine in upper-division courses, must be passed in another department which is collateral with the student's major program. The following communication arts courses are required of majors: 100, 200, 110 or 230, 120 or 220.

Communication Arts majors who seek certification in secondary education must complete in lieu of an elected collateral credit hours in English including 101, 102; 110; 213 or 216; 431; 463; 465; and one literary periods course. Communication Arts 225 and 450 or 452 must be taken for certification as well as specific courses in the Department of Education (see secondary education requirements under Education below). Transfer students majoring in the department must complete at Salisbury State College semester hours in Communication Arts courses with a minimum grade of C in each course.

CURRICULUM GUIDE

(Sample sequence for mass media emphasis; other area studies are available. See above.)

FRESHMAN YEAR

CMAT 100	Fundamentals of Speech	3	CMAT 122	Performing	3
ENGL 101	Composition	3	ENGL 102	Principles of Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
	Group II-B Elective	3		Group II-B Elective	3
PHEC 106	Personalized Fitness	2	CMAT 230	Mass Media and Society	3
		14			15

SOPHOMORE YEAR

	Group I-B Elective	3	CMAT 238	TV Production	3
	Group III-B Elective	3		Group III-A Elective	4
CMAT 137	Basic Radio and TV Techniques	3	CMAT 200	Theories of Human Communication	3
CMAT 120	Introduction to Theatre	3	CMAT 135	Radio and TV Practicum	2
	Collateral Elective	3		Group II-B Elective	3
		15		Phys. Ed. Elective	1
					16

JUNIOR YEAR

CMAT 330	Broadcast Journalism	3		Group II-B Elective	3
	Group III-A Elective	3		Collateral Elective	3
CMAT 237	Radio Production	3	CMAT 338	Broadcast Management	3
	Group II-A Elective	3	CMAT 135	Radio and TV Practicum	2
	Collateral Elective	3	CMAT 335	Elements of Film Making	3
CMAT 135	Radio and TV Practicum	2			14
		17			

SENIOR YEAR

	Collateral Electives	6		Collateral Elective	3
CMAT	Elective	3	CMAT	Electives	3
	Group II-B Elective	3		Elective	9
CMAT 339	Internship in Media	3			15
		15			

See the Department Chairman if your emphasis is Secondary Education, Communication and Public Address, Arts Administration or Theatre.

English

(Dept. No. 1501)

The Bachelor of Arts English major may be pursued on either of two tracks: the liberal arts major or the professional major. Each requires thirty hours of English credit beyond English 101 and 102.

The requirements for the Bachelor of Arts major in English are as follows:

1. Thirty semester hours of English credit beyond English 102.
2. Fifteen of the thirty hours must be in literature.
3. Twelve of the minimum fifteen hours in literature must be at the 300 and 400 levels.
4. Six of the minimum fifteen hours in literature must be at the 400 level.
5. A passing grade in a 112 course in a foreign language must be achieved or the equivalent level of reading proficiency demonstrated on a test administered by the Department of Modern Languages.

The English Department recommends that an English major planning graduate study in English should distribute twenty-one of the thirty required hours in the major as follows: six hours in two different genres, nine hours in three different literary period courses, three hours in a course dealing with a particular author, and three hours in the study of language (English 110, 435 or 439).

In lieu of the traditional English major described above, a student may elect to concentrate in one of five fields: literature, creative writing, film, folklore and linguistics.

The literature concentration requires one comparative literature course, one linquistics course, one period course in American literature, one major author/genre course, one period course in English literature, one American literature survey course, one English literature survey course, and nine hours in electives selected from English Department offerings.

The creative writing concentration requires fifteen hours in creative writing, including English 230, 312, and 340, and fifteen hours in literature, twelve of which are at the 300-400 level, and six of which are at the 400 level.

The film concentration requires English 121, 321, 322, 324, 405, and Communication Arts 230 and 300, in addition to nine hours of electives in literature.

The folklore concentration requires English 110, 222, 223, 433, and 435,plus an additional fifteen hours of electives in literature.

The linguistics concentration requires English 110, 431, 435, 439, 465 and an additional fifteen hours of English electives.

The foreign language competency described above is required in the literature, folklore, and linguistics concentrations, but not in film and creative writing.

(Additional information about the concentrations is available in the English Department office.)

The English major prepares the student for pursuing careers in law, editing, professional reviewing, advertising, public relations, journalism, and teaching.

The professional track (English Education major) prepares the major for teaching in secondary schools. Certification in the State of Maryland and those states entering into a reciprocity agreement with Maryland is automatic upon completing requirements for the Bachelor of Arts degree.

The requirements of the English Education major are as follows:

(Within the English Department)

1. Thirty semester hours of English beyond English 102
2. English 463
3. One of the following: English 121, 213, or 216
4. English courses 110, 431
5. English 465
6. English 411 or 419
7. One literary period course
8. Three elective English courses

(Outside the English Department)

9. Education courses 409, 300, 305, 306, 308, 333, 422
10. Communication Arts 205
11. A passing grade in a 112 course in a foreign language must be achieved or the equivalent level of reading proficiency demonstrated on a test administered by the Department of Modern Languages.

Transfer students must complete a minimum of 15 semester hours of C or better in English at Salisbury State College.

English majors must have at least a C average in their major courses for graduation.

The English Department offers a Minor in English. Students electing a Minor in English will be required to: take 15 hours in the department beyond English 102 and to take 6 of those 15 hours at the 300/400 level. Students must have at least a C average in their minor courses to receive the minor designation. At least 15 hours of the work applied toward a minor must consist of courses which are not used to satisfy General Education requirements or requirements in any major.

CURRICULUM GUIDE

		FRESHMAN YEAR			
ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
	GROUP IB	3		GROUP IB	3
	GROUP IIIA	4		GROUP IIIB	3
	Modern Language (or general elective if language requirement has been satisfied)	3		Modern Language (or general elective if language requirement has been satisfied)	3
		16			15
		SOPHOMORE YEAR			
ENGL[1]		3	ENGL[7]		3
ENGL[2]		3	ENGL[8]		3
	GROUP IIB	3		GROUP IIB	3
	GROUP IIIA	3		GROUP IIIB	3
	Modern Language (or general elective if language requirement has been satisfied)	3		Modern Language (or general elective if language requirement has been satisfied)	3
PHEC 106	Personalized Fitness	2		Phys. Ed. Elective	1
		17			16
		JUNIOR YEAR			
ENGL[3]		3	ENGL[4]		3
	GROUP IIB	3	ENGL[8]		3
	Electives	6		Electives	9
		12			15
		SENIOR YEAR			
ENGL[5]		3	ENGL[6]		3
ENGL[8]		3		Electives	12
	Electives	9			
		15			15

[1]Classical Literature: one from 207, 208, 222, 313, 450.
[2]Language: one from 110, 431, 433, 435, 437
[3]American Literature: one from 241, 329, 330, 343*, 426, 427, 428, 457, 458, 459*
[4]Major Author/Genre: one from 411, 419, 453
[5]British Literature: one from 240, 343*, 414, 420, 421, 425, 459*, 460, 462
[6]One American survey
[7]One British survey
[8]Nine hours in electives selected from English Department offerings. A student may choose a variety of courses to satisfy this part, courses in folklore, film, creative writing, as well as in literature, or he may elect to take all nine hours in one area (e.g., literature, creative writing).
*Counts as either British or American, depending on the authors studied in the course.

History

(Dept. No. 2205)

Bachelor of Arts requirements for a major in history include History 101, 102, 201, 202 (unless exempted by advanced placement test), 330; three hours from one of the following courses in History 332, 333, 340, 341, 355, 362, 363, 412, 413, 423, 424, 440, 445, 460; and fifteen hours of upper division (300-400 level) electives in history. Majors must also have four (4) satisfactory research papers recorded with the chairman, and complete 6 hours from two different disciplines in social science other than history, including one of the following courses: Economics 201 or 202, Geography 100 or 300, Political Science 101, Sociology 211 or 212. Students planning to attend graduate school are encouraged to develop a reading proficiency in at least one foreign language.

Transfer students must complete a minimum of 15 semester hours of C or better in history at Salisbury State College.

History majors must have at least a C average in their major courses for graduation.

All majors are requested to obtain a copy of the *Guide Booklet for History and Social Science Majors,* for more detailed information and guidance in History. A copy may be acquired at the department office.

History majors seeking certification for teaching history in the secondary school must meet the additional requirement of the following courses in Education: 300, 305, 306, 308, 334, 422, 426 and 428.

History Minor

The History Department is now offering a minor in History. The department believes that the History minor will allow students in other fields to gain a broad base in the humanities and social science and thus enhance their ability to reach higher levels of achievement in their own professional specialization. Students interested in the minor should contact the History Department.

The requirements for the History minor are:

1. Fifteen semester hours of history beyond the courses used to fulfill General Education requirements.
2. Six of the fifteen hours must be History 201 and 202.
3. Six hours must be upper (300-400) level.
4. Students must have at least a C average in the minor courses.

American Studies Minor

The History and English departments offer an interdisciplinary minor in American Studies. The minor consists of eighteen credit hours. Required courses are: (1) History 412, 413; (2) two of the following: English 427, 428, 457, 458; (3) History 375 (also crosslisted as English 300, topics in American Studies) to be taken twice under different course titles recorded with the registrar. Students may not use courses to satisfy requirements both in the minor and in the major. Students must make a grade of C or better in courses required for the American Studies minor.

The History department has an established policy for administering departmental challenge examinations. For further information, contact the History department office.

CURRICULUM GUIDE

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
	Social Science Requirement*	3		Social Science Requirement*	3
	Group III-A (science)	4		Group III-A (science)	4
PHED 106	Personalized Fitness	2		Phys. Ed. Elective	1
		15			14

SOPHOMORE YEAR

HIST 201	United States History	3	HIST 202	United States History	3
HIST 330	Proseminar in History	3		Engl. Literature Elective	3
	Group III-B (science/math)	3		Group I-B Elective	3
PSYCH 210	General Psychology	3		Group III-B (science/math)	3
	General Elective	3		History elective - upper level	3
		15			15

JUNIOR YEAR

	History elective - upper level	3		History elective - upper level	3
	Group I-B	3		History elective - upper level	3
	General Elective	3		General Elective	3
	General Elective	3		General Elective	3
	General Elective	3		General Elective	3
		15			15

SENIOR YEAR

	History elective - upper level	3		History elective - upper level	3
	History elective - upper level	3		General Elective	3
	General Elective	3		General Elective	3
	General Elective	3		General Elective	3
	General Elective	3		General Elective	3
		15		General Elective	1
					16

*Specific courses are listed on check sheet.

Liberal Studies

(Dept. No. 4994)

Bachelor of Arts or Bachelor of Science requirements for a major in Liberal Studies includes satisfactory completion of General Education requirements, 120 semester hours of course work and a minimum of 30 semester hours at the 300-400 level with a grade of C or better (no D's may count). A minimum of 15 semester hours at Salisbury State College in upper divison courses is necessary for transfer students.

It is the student's responsibility to devise the appropriate courses and their sequence to meet unique personal or career goals. The Director and/or a faculty advisor will be available to assist you in this learning process. For further information, see Liberal Studies page 63.

(Students interested in developing high competence in Music and Computer Science should see the respective department chairman for curriculum guidance.)

CURRICULUM GUIDE*

Liberal Studies#

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Literature	3
PSYCH 210	General Psychology	3		Natural Science	3
	Natural Science	4		Group I-B Elective	3
	Phys. Ed. Elective	1		Group II-B Elective	3
	Group I-B Elective	3		Elective	3
	Group II-B Elective	3			15
		17			

SOPHOMORE YEAR

	Literature Elective	3		Group III-B Elective	3
	Group III-B Elective	3	HIST 102	World Civilizations	3
HIST 101	World Civilizations	3		300-400 level course	3
	Elective	3		300-400 level course	3
PHEC 106	Personalized Fitness	2		300-400 level course	3
	300-400 level course	3			15
		17			

JUNIOR YEAR

	300-400 level course	3		300-400 level course	3
	300-400 level course	3		300-400 level course	3
	Elective	3		Elective	3
	Elective	3		Elective	3
	Elective	3		Elective	3
		15			15

SENIOR YEAR

	300-400 level course	3		300-400 level course	3
	300-400 level course	3		300-400 level course	3
	Elective	3		Elective	3
	Elective	3		Elective	3
	Elective	3		Elective	3
		15			15

*This guide is recommended for students who wish to build their own program. For those students who wish to concentrate in the structured programs under the title of Liberal Studies, (Music, Computer Science), please consult the catalogue to find their recommendation.
#Liberal Studies demands student input. As soon as possible, see your faculty advisor in order to build your own program to place in appropriate slots.

Many of the upper level courses oblige some prerequisities at lower levels (100-200). When you select 300-400 level courses you wish to take, check for prerequisites, and select the appropriate lower level courses immediately; many of these lower level courses will also meet your General Education distribution requirements.

To gain the maximum flexibility for constructing your own degree, it is recommended you complete all General Education Requirements by the end of your sophomore year.

Electives are valuable to you. Use them wisely in your design for your own program with an eye to creating as many different competencies as you are able in order to enhance your flexibility for post graduation purposes.

Modern Language and Intercultural Studies

(Dept. No. 1101)

I. Bachelor of Arts requirements for a major in French or Spanish consist of the following:
1. At least 27 credit hours in the language above the elementary level, including at least 6 credit hours in courses at the 400 level.
2. Survey of Literature courses 350 and 351.
3. The linguistics course: Introduction to Language Study (English 110).
4. A grade of C or better in major courses. (All transfer students must complete at least 15 hours in the Department of Modern Languages at Salisbury State College.)
5. Demonstrated oral and written proficiency through departmental examination.

II. Requirements for a minor in French, Spanish or German consist of the following:
1. At least 18 credit hours in the language.
2. A grade of C or better in language courses taken towards the minor.
3. At least 15 hours of the minor must consist of courses not used to satisfy either General Education or Major requirements.

In addition to the above requirements, the Department recommends that all majors study a second foreign language and participate in a study program abroad. The Department assists students in making arrangements for study in other countries.

While all majors in French and Spanish must satisfy the Department requirements, they may also design a program combining a major in the language with specialization in a professional area.

A language major planning to enter a field such as business, education, social work, etc. should seek advisement from the Department in regard to selection and sequence of courses. For example, language majors who seek certification in teaching French and/or Spanish in secondary schools must fulfill the following requirements in education courses in addition to the requirements for the major: Education 300, 305, 306, 308, and 337.

The Department is the coordinating agency for the college's Institute for Cross-Cultural Communication, the Division of Migrant Education and the Division of Bilingual/Bicultural Education.

CURRICULUM GUIDE

French or Spanish Majors

FRESHMAN YEAR

ENGL 101	Prin. of Composition	3	ENGL 102	Principles of Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
FREN 201	Intermediate French		FREN 202	Intermediate French	
or			or		
SPAN 201	Intermediate Spanish	3	SPAN 202	Intermediate Spanish	3
	Group III-A Elective	3		Group I-B Elective	3
GEOG 202	Cultural Geography	3		Group III-A Elective	3
		15	PHED 106	Personal Health Fitness	2
					17

SOPHOMORE YEAR

FREN 312	French Conversation		FREN 310	Oral and Written Composition	
or					
SPAN 312	Spanish Conversation	3	or		
	Second Foreign Language 101	3	SPAN 310	Oral and Written Composition	3
FREN 350	French Literature			Second Foreign Language 102	3
or					
SPAN 350	Spanish Literature	3	ENGL 110	Intro to Language Study	3
	Group III-B Elective	3		Group II-B Elective	3
	Group II-B Elective	3	FREN 351	French Literature	
	Phys. Ed. Elective	1	or		
		16	SPAN 351	Spanish Literature	3
				Phys. Ed. Elective	1
					16

JUNIOR YEAR#

FREN 320	Intro to Drama and Poetry		FREN 321	Intro to Short Story and Novel	
or					
SPAN 320	Intro to Drama and Poetry	3	or		
	Group III-B Elective	3	SPAN 321	Intro to Short Story and Novel	3
FREN 315	French Culture and Civilization I			Second Foreign Language 112	3
or					
SPAN 316	Spanish Culture and Civilization I	3	FREN 401	Advanced Composition and Morphology	
	Second Foreign Language III	3	or		
	Elective	3	SPAN 401	Advanced Grammar and Composition	3
		15		Electives	6
					15

SENIOR YEAR

	French Literature			French Elective	
or	Spanish Literature	3	or	Spanish Elective	3
FREN 402	Advanced Conversation			Second Foreign Language	3
or	Spanish Elective	3		Electives	9
FREN 480	Senior Seminar				15
or					
SPAN 480	Senior Seminar	3			
	Second Foreign Language	3			
	Electives	3			
		15			

#The Department recommends that all Language majors plan to spend one semester of study at an institution in a country in which the target language is spoken. Students are encouraged to begin study of a second language. Students should take competency exams and apply for entry into professional program.

Language majors seeking certification for teaching should see the department chairman for additional courses. Language majors may choose to develop a minor area of study which would complement language study: education, political science, business, history, English, sociology, social work, etc.

French

A major in French consists of 36 credit hours distributed as follows:
1. At least 27 hours in the language above the elementary level, including at least 6 credit hours in 400 level courses.
2. French literature courses 350 and 351.
3. The linguistics course: Introduction to Language Study (English 110).

(A student who does not intend to major in French but who completes 18 credit hours in the language, with an average of B, will receive a Certificate of Merit in French.)

A major in French may be combined with study in other areas in order to enhance career opportunities. The department will advise students in planning an academic program to meet individual interests and career objectives. It is especially recommended that those planning careers in education and in government service study a second foreign language.

Students majoring in French are encouraged to plan to spend some time in a French-speaking country to improve their speaking ability and to learn the target culture first hand. Credits earned through study abroad may be applied toward a major in French.

Music

(Dept. No. 1005-Music)
(Dept. No. 1004-Applied Music and Performance)

The Music Department offers prescribed programs of study culminating in the Bachelor of Arts Degree in Liberal Studies-Music Concentration and the Bachelor of Science Degree in Liberal Studies-Music Education Concentration. In the Liberal Stuidies-Music Concentration program of study, it is possible to specialize in a specific area such as Church Music or Piano Pedagogy. The Liberal Studies-Music Education Concentration is a NASDTEC-approved program providing certification in Maryland and most other states.

Because of the sequence of Music courses, students are encouraged and advised to declare a Liberal Studies-Music of Music Education Concentration Major as early as possible in their college careers. Please consult the Music Department for specific information on all curricula, especially noting that some courses are not offered regularly but are offered periodically. Students so enrolled must maintain a 2.0 (C) average in music courses and may progress to a more advanced course in a given sequence only if they earn a C or better in the basic course.

A non-professional Music concentration may be completed with a minimum of 34 semester hours in Music courses, including 12 semester hours in 300-400 level courses. These students must complete the liberal studies major requirement of 30 semester hours in 300-400 level courses with a grade of C or better.

Elementary education majors may elect a program of 16 or more semester hours in Music which will qualify them to teach music in the elementary schools of Maryland with a "Music Endorsement" on the Elementary Teaching Certificate.

Transfer students must complete all Departmental requirements, including a minimum of 15 semester hours in Music courses at SSC in order to get a degree with a major in Liberal Studies — concentration in Music.

Specifically for all students, Music 200 (a prerequisite for all skills courses.) Music 110 and Music 104 are recommended to satisfy General Education requirements in Group I B.

Placement auditions for piano, voice and organ courses will be administered by appointment with Music Department Faculty prior to registration.

CURRICULUM GUIDE

Music Education Major*
(This sample sequence with A BAND INSTRUMENT as the major performing medium.)

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Principles of Literature	3
HIST 101	World Civilizations	3			
	Group III-A Science	3	HIST 102	World Civilizations	3
	Music Elective*	1		Group III-A Science	3
MUSC 203	Theory I	3		Music Elective*	1
	Group I-B Elective	3	MUSC 204	Theory II	3
#MUSC 390	Directed Independent Study	1	MUSC 104	Introduction to Music	3
	Phys. Ed. Elective	1	#MUSC 390	Directed Independent Study	1
		18	PHEC 106	Personalized Fitness	2
					19

SOPHOMORE YEAR

	English Literature	3	PSYC 210	General Psychology	3
	Group III-B (Science or Math)	3		Group III-B	3
			MUSC 304	Theory IV	4
MUSC 303	Theory III	4	MUSC 208	Voice II	2
MUSC 207	Voice I	2	MUSC 206	Piano II	2
MUSC 205	Piano I	2	MUSC 211	Strings and Woodwinds	2
MUSC 212	Brass and Percussion	2		Music Elective*	1
	Music Elective*	1	#MUSC 390	Directed Independent Study	1
#MUSC 390	Directed Independent Study	1			
		18			18

JUNIOR YEAR

MUSC 305	Music History I	3	MUSC 310	Conducting and Score Reading	3
EDUC 419	Teaching Music in the Elementary School	3	MUSC 306	Music History II	3
EDUC 300	Development and Learning	3	EDUC 429	Teaching Music in the Secondary School	3
MUSC 425	Musical Form and Analysis	3	MUSC 426	Arranging for Voices and Instruments	3
	Group II-B	3	#MUSC 412	Applied Music II	3
#MUSC 411	Applied Music I	3			
		18			15

SENIOR YEAR

EDUC 304	Principles of Instruction K-12	3	EDUC 430	Directed Teaching in Music in Elem. School	6
	Group II-B	3	EDUC 431	Directed Teaching in Music in the Sec. Sch.	6
	Music Literature	3			
EDUC 305	The School in Society	3			
		12			12

*The Music Major who does not desire to teach shall omit the Education courses and make up semester hours with elective credits.
#The Independent Study shall be in the area of the students primary performance medium.
★Performance groups (Music 100,101,102,103) according to the Student's expertise and interest.
For more precise planning, consult advisor in the Music Department Faculty.

Philosophy

(Dept. No. 1509)

The overall objective of the Philosophy Department is to develop in the student the ability to think critically, the ability to examine fundamental questions about himself and his world, and thus to help the student establish a foundation for intelligent action in the world. The program does this by exposing the student to a variety of philosophical perspectives, and by asking the student to personally participate in the activity of philosophizing.

The Department of Philosophy offers a major in Philosophy leading to a Bachelor of Arts degree. The curriculum consists of 30 credit hours in Philosophy and includes:

(1) 2 introductory level courses (101, 103, 202);
(2) 3 Classical Core courses which concentrate on fundamental philosophical issues (203, 215, 300, 305, 306, 325, 330, 406);
(3) 2 Problem Area courses in which philosophical concepts are applied to contemporary problems or particular areas of human experience (206, 310 if problem oriented, 315, 316, 317, 402, 450);
(4) 2 History of Philosophy courses (at least one from 302, 303, 308, 309); other courses which satisfy this requirement: 310 if history oriented, 312, 320, 403)
(5) 1 Seminar Level course in which the student is expected to deal creatively with a philosophical issue (475, 490).

The minor in Philosophy consists of 18 hours of course work, nine of which must be the 300/400 level. All work applied toward the minor must be completed with grades of C or better, and at least 15 hours in the minor must be credits which are not applied toward General Education or major requirements. Included in the 18 hours must be at least one course from each of the following four categories (as described above): Introductory level courses, Classical Core courses, History of Philosophy courses, and Problem Area courses.

Courses in which a grade of D is earned cannot be used to help satisfy either the 30 hour requirement for a major in Philosophy or the 18 hour requirement for a minor in Philosophy.

CURRICULUM GUIDE

FRESHMAN YEAR

PHIL 101	Intro. to Philosophy	3	PHIL	Classical Core	3
ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
	Group III-A Elective	3		Group III	4
	Group I-B Elective	3		Group II-B Elective	3
		15			16

SOPHOMORE YEAR

PHIL 202	Intro. to Logic	3	PHIL	Classical Core	3
PHIL	Problem Oriented	3		Group II-B Elective	3
	Group III	3		Group III	4
	Literature	3		Electives	6
	Elective	3			
	Phys. Ed. 106	2			
		17			16

JUNIOR YEAR

PHIL	Classical Core	3	PHIL	History of Philosophy	3
PHIL	History of Philosophy	3	PHIL	Problem Oriented	3
	Electives	7		Electives	9
	Phys. Ed. Elective	1			
		14			15

SENIOR YEAR

PHIL	Philosophy Elective	3	PHIL	Philosophy Elective	3
PHIL 435	Seminar	3	PHIL 490	Independent Study	3
	Electives	9		Electives	6
		15			12

A total of 120 hours are needed for graduation in the Philosophy Curriculum.

Political Science

(Dept. No. 2207)

The Political Science offerings are designed to give students an understanding of political organizations and forces in modern society. The courses offered provide a basis for insight into problems involved in relationships between governments, in the relationship of the individual to government and in the behavior of decision makers in the policy-making process.

Bachelor of Arts requirements for a major in Political Science include Political Science 101, 110 and 308 and an additional 24 hours in political science courses for a total of 33 hours. Within the 33 hours, a minimum of 18 hours must be completed at the 300 level or above and one course must be taken from each of the following fields: Comparative Politics (310, 311 or 412), International Politics/Foreign Policy (210, 215, 409, 411 or 415), Political Philosophy (200, 401 or 402) and American Politics/Public Policy (202, 220, 315, 320, 330, 340, 341, 430 or 431).

All courses taken to satisfy the major requirements must be completed with a C or better.

Depending upon their interest within the field of Political Science, students are encouraged to take foreign language courses and/or courses in statistics.

The Political Science minor consists of a minimum of eighteen hours completed with a grade of C or better, only three of these hours may apply to General Education or major requirements. Political Science 101 or 110 is required, and at least six of the eighteen hours must be in courses at the 300/400 level. Students wishing to minor in Political Science should see the Department chairman.

CURRICULUM GUIDE

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
POL SCI 101	Introduction to Politics and Government	3	POL SCI 110	American National Government	3
	Group I-B	3		Group III-A	4
PHEC 106	Personalized Fitness	2		Phys. Ed. Elective	1
		15			14

SOPHOMORE YEAR

	English Literature Elective	3		Group III-A	4
	Group III-B (statistics)	3		Group I-B	3
	Political Science 200 level	3		Political Science 200 level	3
	Political Science 200 level	3		Group II-B	3
	History Elective	3		General Elective	3
		15			16

JUNIOR YEAR

	Group III-B	3	POL SCI 310	Comparative European Government	3
POL SCI 308	Methods of Political Analysis	3		Political Science Elective - upper level	3
	Social Science Elective	3		Social Science Elective	3
	General Elective	3		General Elective	3
	General Elective	3		General Elective	3
		15			15

SENIOR YEAR

	Political Science Elective - upper level	3		Political Science Elective - upper level	3
	Political Science Elective - upper level	3		Social Science Elective	3
	Social Science Elective	3		Social Science Elective	3
	General Elective	3		General Elective	3
	General Elective	3		General Elective	3
		15			15

Psychology

(Dept. No. 2001)

The following objectives for course offerings in the Department of Psychology are commensurate with the Department's attempt to: (1) accomplish the institutional goal of serving non-majors who wish to take Psychology courses to meet general education requirements or to fulfill requirements for a Psychology concentration, and (2) accomplish the departmental goal of providing majors with knowledge and skills necessary to pursue study in Psychology beyond the B.A. degree. The Department of Psychology recognizes the importance of and encourages the pursuit of a broad based liberal arts background for all majors.

Specific courses prescribed for the Psychology major are designed to have the student:(1) understand the scientific method and its use in psychological research, (2) comprehend psychological literature and (3) communicate psychological information effectively.

Non-Major Courses: The department offers several courses suited to the needs of the non-psychology major. These courses have fewer prerequisites than do many of the major courses. In addition these courses give the student an opportunity to put the principles of psychology into practice. Non-majors are also encouraged to take any major course for which they have the prerequisites.

The non-major courses are as follows:

Psychology Applied to Daily Living (215)
Effective Parenting (333)
Learning Theory and Its Application (430)
Psychology of Women (334)
Behavioral Self Control (435)

These courses may be taken for elective credit towards graduation; however, they do not satisfy any requirements for a Psychology major, even if taken prior to the declaration of the major.

Major Courses: The Psychology major consists of a minimum of 37 hours in Psychology course work. These courses are structured in the following manner:

Core requirements (CR)	19 hours
Selected requirements (SR)	12 hours
Elective requirements (ER)	6 hours

The student must take the Core Requirements listed below, may choose among the Selected Requirements, and may choose freely from among the Elective Requirements.

Core Requirements (CR)

Introduction to Psychology (210)
Advanced General Psychology (211)
Psychological Statistics(220)
Experimental Psychology (304)
Psychology of Learning (305)
Abnormal Psychology (405)

Introductory Psychology and Advanced General Psychology are prerequisites for many of the major courses and it is recommended the Psychology major take these early in his academic career.

Selected Requirements (SR)

The major must choose one course each from groups A, B, C and D; any additional courses selected from these groups will be considered elective requirements.

A. Either Developmental Psychology (300) or Psychology of Infancy and Childhood (320) or Psychology of Adolescence (321) or Psychology of Aging (422)
B. Either Physiological Psychology (412) or Sensation and Perception (350)
C. Either Psychology of Personality (407) or Social Psychology (306) or Motivation and Emotion (415)
D. Either Introduction to Clinical Psychology (460) or Basic Helping Relationships (444)

Elective Requirements (ER)

The remaining six hours of the required psychology courses may be selected to suit the particular needs of the student. All other courses listed in the catalogue qualify as Elective Requirements *with the exception of the courses listed above as Non-Major courses.*

Minor Requirements

The minor in Psychology consists of a minimum of eighteen hours and includes the following:

A. 6 hours of core requirements:
   210 General Psychology
   211 Advanced General Psychology
B. 12 or more hours of which 9 hours must be selected from the courses offered at 300 level or above.

At least 15 hours of the minor must consist of courses not used to satisfy either General Education or major requirements.

General Information

Transfer students majoring in Psychology must complete a minimum of 15 hours of Psychology courses at Salisbury State College. All majors must have a C or better in each required Psychology course.

Double Majors must meet all the requirements of a regular Psychology major.

The Psychology Program is designed to permit a major to complete Departmental requirements within approximately three (3) years.

A *sample* program might contain the following courses:

CURRICULUM GUIDE

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
BIOL 101	Fundamentals of Biology	4		Group III-A Elective	4
PHEC 106	Personalized Fitness	2	PSYC 211	Advanced General	3
PSYC 210	General Psychology	3		Psych. SR-A*	3
		15			16

SOPHOMORE YEAR

	Group I-B Elective	3		English Literature Elective	3
	Group II-B Elective	3			
MATH 110	Finite Mathematics	3		Communication arts Elective	3
PSYC 405	Abnormal Psychology	3		Group III-A Elective	4
	Psych. SR-D*	3	COSC 120	Computer Programming I Programming	4
	Phys. Ed. Elective	1		Psych. SR-C*	3
		16			17

JUNIOR YEAR

PSYC 220	Psychological Statistics	3	PSYC 304	Experimental Psychology	4
	Psych. SR-B*	3	PSYC 305	Psychology of Learning	3
	Philosophy Elective	3		Psychology Elective	3
	Psychology Elective	3		Sociology Elective	3
	General Elective	3		General Elective	3
		15			16

SENIOR YEAR

ENGL 310	Technical Writing	3		General Electives	9
	Psychology Elective	3		Psychology Elective	3
	General Electives	6	MATH 284	Programming Languages	2
	Social Work Elective	3			14
		15			

*See Selected Requirements (SR) in department description.

Social Science

(Dept. No. 2201)

Courses for students seeking a major in Social Science are drawn from the following: economics, geography, history, political science, and sociology. Bachelor of Arts requirements for a major in Social Science include: Economics 201 and 202 (6 hours). One course in Geography (100, 101, 202, 203) (3 hours). History 201 and 202 (6 hours). Political Science 110 and one course in Political Science (310, 401, 402 or 431) (6 hours). Sociology 211 and 212 (6 hours). One course from the following list of courses: Sociology 217, 314, 355, 452, History 340, 341, 350, 351, 362, 363, 412, 413, 440, 445, 460 (3 hours). One course from the following list of courses: Economics 300, 336, 340, Geography 304, 350, 399, 400, 403, Political Science 301, 340, 409, Sociology 317, 350, 405 (3 hours). One course from the following: History 330, Geography 300, Political Science 308, Sociology 309 (3 hours). Twelve hours upper level (300-400 level) history and social science courses. At least six hours must be taken in upper level history (12 hours). Students are encouraged to develop a reading proficiency in at least one foreign language or proficiency in statistics.

Transfer students must complete a minimum of 21 semester hours of C or better in social sciences at Salisbury State College.

Social science majors must have at least a C average in their major courses for graduation.

All majors are requested to obtain a copy of the *Guide Booklet for History and Social Science Majors,* for more detailed information and guidance in social science. A copy may be acquired at the department office.

Social science majors seeking certification for public school teaching must meet the additional requirement of the following courses in Education: 300, 305, 306, 308, 334, 422, 426 and 428.

CURRICULUM GUIDE

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
	Soc. 150 or 211	3		Group III-B (science/math)	4
	Group III-A (science)	4		Geog. 100, 101, 202, 203	3
PHEC 106	Personalized Fitness	2		Phys. Ed. Elective	1
		15			14

		SOPHOMORE YEAR			
	Engl. Literature Elective	3	HIST 202	United States History	3
HIST 201	United States History	3		Group III-B (science/math)	3
POL SCI 110	American National Government	3	ECON 201	Macro-Economic Principles	3
	Group III-A (science)	3		Group I-B	3
	Hist. 330, Geog. 300, Pol. Sci. 308 or Soc. 309	3	PSYCH 210	General Psychology	3
		15			15
		JUNIOR YEAR			
	Group I-B	3		Social Science Elective	3
	Econ. 202, 305, 306 or 402	3		Social Science Elective	3
				General Elective	3
	History elective - upper level	3		General Elective	3
				General Elective	3
	Pol. Sci. 310, 401, 402, or 431	3		General Elective	1
	General Elective	3			
		15			16
		SENIOR YEAR			
	Social Science Elective	3		Social Science Elective	3
	Social Science Elective	3		General Elective	3
	General Elective	3		General Elective	3
	General Elective	3		General Elective	3
	General Elective	3		General Elective	3
		15			15

Sociology and Anthropology

(Dept. No. 2208)

The department offers a major in Sociology, a minor in Sociology, and a minor in Anthropology.

Sociology majors seeking the Bachelor of Arts degree must complete at least 37 hours in sociology and anthropology, at least 21 of which must be at the 300 and 400 levels. Required courses are 211, 212, 309, 410, 415, 421 and 422. Students must have a grade of C or better in each course included in the major. Transfer students majoring in sociology must complete at least 15 hours in sociology and anthropology at Salisbury State College.

Sociology minors must complete at least 18 hours in sociology, at least nine of which must be at the 300 and 400 levels. Courses in anthropology (212, 215, 350, 355, 452 and 459) and courses with anthropological topics from 301, 416 and 499 may be counted toward a Sociology major but not a Sociology minor. Students must have a grade of C or better in each course that is included in the minor. At least 15 hours of work in the minor must be in courses that are not applied toward General Education or any major requirements.

Anthropology minors must complete 18 semester hours in anthropology and related disciplines. Required courses are Sociology 212, 350, 459 and one of the following: Sociology 215, 355, or 452. An additional six hours should be selected from among the following five areas: (1) Sociology and Anthropology 215, 355, 452 or courses with Anthropology Topics from 301, 416, or 499. (2) Biological Sciences 105 or 202. (3) English 110, 213, 326, or 435. (4) Geography and Regional Planning 105 or 202; Geology 103. (5) History 319, 370, 472, or 473. Students must have a grade of C or better in each course that is included in the minor. At least 15 hours of work in the minor must be in courses that are not applied toward General Education or any major requirements.

Sociology majors of outstanding ability may achieve recognition through the Departmental Honors Program. To be considered for departmental honors, students should apply to the department chairman, or be recommended to the chairman by a member of the faculty, no later than the start of their senior year. The faculty will admit qualified students to Sociology 495: Independent Study for Department Honors, considering each student's average in the major (3.5 is normally required) and his or her proposal for the independent study. Students will be awarded honors upon their completion of the independent study with a grade of B or better, and their completion of the major course work with a 3.5 average.

Although there are no prerequisites for many sociology and anthropology courses, students are advised that 300 and 400 level courses are basically designed for juniors and seniors.

		FRESHMAN YEAR			
ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
	Group I-B Elective	3		Group I-B Elective	3
	Group III-A Elective	3		Group III-A Elective	3
PHEC 106	Personalized Health Fitness	2	SOCI 211	Principles of Sociology	3
		14			15
		SOPHOMORE YEAR			
SOCI 212	Cultural Anthropology	3		Sociology Elective	3
	Group III-B Elective	3		Group III-B Elective	3
	Literature Elective	3		Phys. Ed. Elective	1
	Elective	3		Elective	3
	Elective	3		Elective	3
		15		Elective	3
					16
		JUNIOR YEAR			
SOCI 309	Social Research I	3	SOCI 410	Social Research II	4
	Group II-B Elective	3		Sociology Elective	3
	Elective	3		Elective	3
	Elective	3		Elective	3
	Elective	3		Elective	3
		15			16
		SENIOR YEAR			
SOCI 421	Development of Social Thought	3	SOCI 415	Senior Seminar	3
			SOCI 422	Contemporary Sociological Theory	3
	Sociology Elective	3		Sociology Elective	3
	Sociology Elective	3		Elective	3
	Elective	3		Elective	3
	Elective	3			
		15			15

School of Nursing and Health Sciences

Dr. Elizabeth J. Barfield, Dean

The purpose of the Salisbury State College School of Nursing and Health Sciences is to provide a liberal and professional education to students of Nursing, Medical Technology and Respiratory Therapy. The programs offered in the School of Nursing and Health Sciences are designed to provide a learning environment in which students can acquire the theoretical knowledge and clinical skills necessary for competent and proficient practice in their respective professional disciplines.

Its programs are designed to prepare students, as contributing members of the health care team, to meet the needs of individuals requiring acute, chronic or rehabilitative health care in a variety of health care settings, and to promote the quality, availability and accessibility of professional education and health care, particularly as these relate to the Eastern Shore of Maryland.

Nursing

(Dept. No. 1203)

The purpose of the baccalaureate program offered by the Department of Nursing is to facilitate a liberal and professional education which provides opportunities for professional development and self-actualization.

The program is designed to: 1) prepare a generalist practitioner qualified to provide professional nursing care to individuals, families and communities at all levels of wellness in a variety of health care settings, 2) promote the quality, availability and accessibility of nursing education and nursing care, and 3) provide quality education for students as a basis for graduate study in Nursing.

Educational preparation for Nursing involves a sequence of learning experiences which occur in a variety of health care settings with clients of all age groups, of multicultural backgrounds, and various socioeconomic levels. Such sequential learning experiences assist the student in developing competence in nursing practice.

The program is fully accredited by the National League of Nursing and the Maryland State Board of Examiners of Nurses. Graduates are eligible to take state board examinations for licensure as registered nurses.

CURRICULUM GUIDE

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
*CHEM 121	General Chemistry I	4	*CHEM 122	General Chemistry II	4
*PSYC 210	General Psychology	3	*MATH 114	Introduction to Nonparametric Statistics	3
PHEC 106	Personalized Health Fitness	2		Sociology Elective*	3
		15			16

SOPHOMORE YEAR

*BIOL 215	Anatomy and Physiology	4	*BIOL 216	Anatomy and Physiology	4
*BIOL 217	Nutrition	3	*BIOL 211	Microbiology	4
*PSYC 300	Developmental Psychology	3	#NURS 300	Introduction to Professional Nursing	6
	Group 1-B Elective	3		Phys. Ed. Elective	1
	Literature Elective	3			
		16			15

JUNIOR YEAR

NURS 320	Nursing I	10	NURS 321	Nursing II	10
*BIOL 334	Pathophysiology	4	*PSYC 405	Abnormal Psychology	3
		14		Elective	2
					15

SENIOR YEAR

NURS 420	Nursing III	10	NURS 421	Nursing IV	10
	Sociology Elective	3		Nursing Elective or Independent Study	2
	Group 1-B Elective	3		Elective	3
		16			15

*Indicates a prerequisite for a subsequent nursing course. Should be taken in the semester indicated (or earlier).
#Before enrollment in this course, students must be accepted into the Nursing Major. In some cases it may be possible to take this course first semester, sophomore year.

The above curriculum guide is subject to refinement to reflect current trends in nursing.
A TOTAL OF 122 HOURS ARE NEEDED FOR GRADUATION IN THE NURSING CURRICULUM.

Requirements for the Bachelor of Science Degree with a Major in Nursing

The nursing program includes a general education component, support courses in the natural and behavioral sciences and a series of upper division nursing courses for a total of 121 semester hours.

Required nursing courses are as follows: Nursing 300, 320, 321, 420, 421 and a minimum of 2 hours in a nursing elective or independent study in nursing.

Required support courses from other departments include Biology 215, 216, 217, 311, 334, Chemistry 121, 122, Mathematics 114, Psychology 210, 300, 405 and two elective courses in Sociology. Completion of these courses will satisfy Group II-B and Group III of the General Education course requirements.

Progression in the Nursing Major is dependent upon satisfactory completion of the required courses for the previous level. All required nursing courses must be taken in sequence. The minimum acceptable grade for Biology 334 and all required nursing course is C.

Registered Nurse Students

Registered nurses who wish to work toward a Bachelor of Science degree will follow the same curriculum as the generic student. After admission into the Nursing Major and the completion of all prerequisite courses, registered nurses may elect to establish credit for Nursing 320, 321 and 420 (a total of 30 hours) by means of departmental written and clinical proficiency examinations.

Admission to the Nursing Major

Students must be admitted to Salisbury State College before they can be considered for admission to the Nursing Major; however, the student can apply to the major at the same time that he or she applies to the College. Admission to the nursing program is limited, and students will be considered on the basis of academic qualifications. Admission to the College does not guarantee admission to the nursing program.

Students may apply for admission to the nursing program at any level. Students seeking the major in Nursing may enroll in the College as pre-nursing students until approved for admission by the Department of Nursing. Applications for admission to the Nursing major must be submitted to the Department of Nursing no later than March 1 for April notification or no later than October 1 for November notification of admission for the following semester.

General education credit may be transferred to Salisbury State College from other accredited colleges and credit earned by CLEP examination is acceptable. Lower division nursing courses are not transferrable. Upper division nursing courses taken at other accredited colleges will be evaluated by the Nursing Department on an individual basis.

Requirements in Nursing are subject to change in order to meet standards established by external accrediting agencies.

Application forms and specific admission-progression information may be obtained from the School of Nursing or the Admissions Office.

Medical Technology

(Dept. No. 1223)

The baccalaureate program in Medical Technology is designed to prepare highly educated laboratory scientists with a strong professional orientation and to develop the skills required to perform complex and specialized procedures in all major areas of the clinical laboratory. The technologist is responsible for complex analytical procedures requiring the exercise of individual judgment and must be capable of relating these results to the presence or absence of disease.

Requirements for the Bachelor of Science Degree with a Major in Medical Technology

The program in Medical Technology consists of a basic three year curriculum including a general education experience and support courses selected from the biological and physical sciences including Biology 211, 215, 216, 323 and 333; Chemistry 121, 122, 203, 204, 303, and 407. Substitution or waiver of these requirements may only be made with the permission of the program director.

Students completing the required courses in the first three years of the Medical Technology major should apply for admission to the fourth year clinical experience no later than December 1 of the junior year. Students accepted to the fourth year must complete a 12 month clinical experience at Peninsula General Hospital.

All major requirements must be completed with a grade of C or better. Senior students will be required to sit for a comprehensive examination before completing the program. Satisfactory completion of the program in Medical Technology will qualify the student to sit for the National Registry Examination offered by the American Society of Clinical Pathologists.

Major requirements must have been completed within a seven year period prior to acceptance into the fourth year Medical Technology clinical experience. The program in Medical Technology is approved by the National Accrediting Agency for Clinical Laboratory Sciences.

Admission to the Medical Technology Major

A major may be declared in Medical Technology at any time prior to the clinical experience in the fourth year. However, students with a sincere interest in this program are encouraged to declare a major early in the college experience in order to take advantage of professional advising and program planning.

Bachelor of Science recipients who meet minimum requirements may be offered admission to the senior year clinical practicum. Applicants who hold certification as medical laboratory technicians may be offered advanced status in the major.

The following curriculum plan is subject to revision to reflect current trends in Medical Technology.

CURRICULUM GUIDE

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
BIOL 215	Human Anatomy and Physiology	4	BIOL 216	Human Anatomy and Processes	4
CHEM 121	General Chemistry	4	CHEM 122	General Chemistry (Including Qualitative Analysis)	4
MATH 110	Finite Math	3			
		17	PHEC 106	Personalized Fitness	2
					16

SOPHOMORE YEAR

BIOL 211	Microbiology	4	MDSC 200	Foundations of Medical Technology	4
CHEM 203	Organic Chemistry	4			
MATH 151	Elementary Probability and Statistics	3	CHEM 204	Organic Chemistry	4
	Elective*	3		Elective*	3
	Elective*	3		Elective*	3
		17		Elective*	3
					17

JUNIOR YEAR

BIOL 323	Medical Microbiology	4	BIOL 333	Immunology	4
CHEM 303	Analytic Chemistry	4	CHEM 407	Biochemistry	4
	Elective*	3	COSC 120	Computer Programming I	4
	Elective*	3		Elective*	3
	Phys. Ed. Elective	1			
		15			15

SENIOR YEAR

An equivalent three semester clinical practicum offered with Peninsula General Hospital as the primary affiliate.

	SEMESTER 1 (SUMMER)			SEMESTER 2 (FALL)	
MT 415	Hematology	6	MT 410	Clinical Microscopy	1
MT 457	Clinical Chemistry I	6	MT 425	Clinical Microbiology	6
		12	MT 430	Serology	1
			MT 435	Immunohematology	3
			MT 458	Clinical Chemistry II	6
			MT 460	Electronics and Instrumentation	1
					12

	SEMESTER 3 (SPRING)	
MT 416	Clinical Rotation in Hematology	2
MT 421	Clinical Rotation in Chemistry	2
MT 426	Clinical Rotation in Microbiology	2
MT 436	Clinical Rotation in Blood Bank	2
MT 456	Clinical Rotation in Special Chemistry	2
MT 465	Laboratory Instruction and Management	2
		12

*Of the nine elective courses, selections *must* be made to satisfy the General Education Requirements. (Three additional courses in Group I and three additional courses in Group II-B.) Recommended Electives include BUAD 203, Business Management, and BIOL 334 Pathophysiology.

Respiratory Therapy

(Dept. No. 1297)

The baccalaureate program in Respiratory Therapy is designed to prepare highly trained health care practitioners who administer care to patients with disorders of the cardiopulmonary system. Respiratory therapy is both a diagnostic and therapeutic specialty using specialized equipment and technological procedures.

The practice of Respiratory Therapy includes the administration of gas mixtures by various appliances, application of mechanical ventilators to assist or control breathing, maintenance of clear airways, administration of drugs by inhalation, assistance with cardiopulmonary resuscitation, monitoring of heart and lung function of the critically ill patient, evaluation of patients in the pulmonary laboratory and the education of patients in the rehabilitation clinic.

Requirements for the Bachelor of Science Degree with a Major in Respiratory Therapy

The program in Respiratory Therapy consists of a two year curriculum including a general education experience and the support courses selected from the Biological and Physical Sciences including Biology 122, Biology 211, Biology 215 and 216; Chemistry 121 and 122; and Physics 121. Students are required to complete all preparative courses including Respiratory Therapy 210 prior to admission to the professional program. In the final two years of the program students must satisfactorily complete with a grade of C or better, the units on Foundations of Respiratory Care and Critical Care Concepts prior to participation in the clinical experience at Peninsula General Hospital or other clinical sites.

Satisfactory completion of the prescribed program of study in Respiratory Therapy will qualify the student to sit for the National Board of Respiratory Therapy registry exam. All major requirements must have been completed within a seven year period prior to participation in the fourth year Respiratory Therapy experiences.

Admission to the Respiratory Therapy Major

A major in Respiratory Therapy may be declared at any time prior to the clinical experience. However, students with a sincere interest in the profession are encouraged to declare a major early in the college experience in order to take advantage of professional advising and program planning. To become familiar with the specifics of a career in Respiratory Therapy, students should consider selecting Respiratory Therapy 110 early in the curriculum plan.

Students wishing to obtain the baccalaureate degree who hold associate degrees or who have previously been either certified as Respiratory Technicians (CRTT) or as a Registered Respiratory Therapist (RRT) may apply for advanced standing in the major. Each applicant will be evaluated on an individual basis to determine class standing within the major and the evaluation process may employ challenge examination, demonstration of proficiency and registry evaluation.

CURRICULUM GUIDE

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Composition	3
HIST 101	World Civilization	3	HIST 102	World Civilization	3
BIOL 122	Biological Principles and Processes	4	CHEM 122	General Chemistry	4
CHEM 121	General Chemistry	4		Psych (any) Group II-B Elective	3
	Group I-B Elective	3	BIOL 215	Anatomy and Physiology	4
RESP 110	Intro. to Respiratory Therapy	1			
		18			17

SOPHOMORE YEAR

BIOL 211	Microbiology	4	MATH 151	Elementary Probability and Statistics	3
BIOL 216	Anatomy and Physiology	4			
PHYS 121	General Physics	4	BIOL 334	Pathophysiology	4
	Literature Elective Group I-A	3		Sociology (any) Group II-B	3
PHEC 106	Personalized Fitness	2		Group I-B Elective	3
		17	RESP 210	Foundation Studies in Respiratory Therapy	3
					16

JUNIOR YEAR
(Foundations of Respiratory Care)

RESP 301	Patient Care Procedures	3	RESP 321	Advanced Respiratory Care	4
RESP 302	Basic Respiratory Procedures/Clinical Practicum I	7	RESP 322	Pharmacology	3
RESP 303	Cardiopulmonary Physiology	3	RESP 323	Clinical Practicum II	8
	Psych (any) Group II-B	3		Elective*	3
	Phys. Ed. Elective	1			
		17			18

SENIOR YEAR
(Critical Care Concepts)

RESP 401	Neonatal and Pediatric Respiratory Care	3	RESP 420	Respiratory Care Seminar	3
RESP 402	Cardiopulmonary Diagnostics and Rehabilitation	4		RESP Elective Specialty* (RESP 422 or RESP 423)	4
RESP 403	Clinical Practicum III	6		RESP Elective Specialty* (RESP 424,425 or 421)	4
RESP 404	Leadership and Management in Respiratory Care	3			
		16			11

*Elective Specialty - Orientation to Business Management BUAD 203, Principles of Secondary Education EDUC 306.

A total of 129 hours are required for graduation with a Major in Respiratory Therapy.

School of Professional Studies

Dr. K. Nelson Butler, Dean

The School of Professional Studies administers programs and curricula in Developmental Studies, Education, Leisure Studies, Military Science, Physical Education and Social Work.

The aims and objectives of the School are consonant with the mission of the College in providing instructional programs that prepare students for attaining productive professional roles in society. Specific departmental objectives are covered more explicitly in the department descriptions.

The Education Department offers NASDTEC (National Association of State Directors of Teacher Education and Certification) approved Teacher Education programs in Biology, Chemistry, Communication Arts, Elementary Education, English, French, History, Mathematics, Music K-12, Physical Education K-12, Physical Science and Spanish.

The Leisure Studies Department offers a multi-disciplinary degree program with collateral area studies in 10 other departments.

The Military Science Department offers an Army ROTC four-year and two-year program of instruction leading to a commission as a Second Lieutenant in the Army.

In addition to the Teacher Education K-12 certification track, the Physical Education Department also offers tracks in Athletic Training and Health/Fitness.

The Social Work Department offers a bachelor's degree accredited by the Council on Social Work Education.

The School administers the Developmental Studies program which offers students additional work in reading, writing and computational skills designed to improve and augment the requirements for college level work.

Education

(Dept. No. 0801)

The Education Department is committed to the preparation of classroom teachers and other educational personnel. To accomplish this goal, the education programs are designed:

To provide for the individualization of instruction of prospective teachers during their professional training.

To encourage the emergence of a personal teaching style on the part of each teacher in training.

To gather evidence that prospective teachers, before they assume full responsibility for a classroom, can bring about desired learning in students.

To assist prospective teachers in developing as reflective persons who, when confronted with a teaching problem: (1) carefully identify the problem, (2) take steps to accurately and systematically assess the problem, (3) generate alternative solutions to the problem, and (4) choose an appropriate resolution on the basis of its desirable implications and consequences.

To help prospective teachers to develop self-confidence and competence in the use of themselves as effective learners and teachers.

To emphasize the importance of increasing interaction and collaboration among teachers — new and experienced — in resolving educational problems.

To prepare teachers who are responsible agents of educational change.

Elementary Education

CURRICULUM GUIDE

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
MATH 103	Fundamental Concepts I	3	MATH 104	Fundamental Concepts II or Other Math	3
BIOL 101	Fundamentals of Biology	4			
CMAT 250	Instructional Communication	3	*CHEM 107 or 109	Chemistry and Man Environmental Physical Science	3
		16	PSYC 210	General Psychology	3
			PHEC 106	Personalized Fitness	2
					17

SOPHOMORE YEAR

	Literature	3	EDUC 408 or 409	Children's Literature Literature for Adolescents	3
MUSC 200	Fundamentals	3			
EDUC 300	Development and Learning	3			
	Science Elective (Phys. Geog.)	3	ART 375	Methods and Materials for Elementary Art	3
HIST 201 or 202	History of the U.S. History of the U.S.	3	EDUC 305	The School in Society	3
	Phys. Ed. Elective	1		Social Science Elective**	3
		16		Physical Science Elective	3
					15

JUNIOR YEAR (Option I)

EDUC 310	Elementary School Communication Arts Methods	3	EDUC 311	Elementary School Mathematics Methods	3
			EDUC 312	Elementary School Science Methods	3
EDUC 316	Elementary School Reading Methods	3	EDUC 427	Classroom Analysis and Correction of Reading Difficulties	3
EDUC 313	Teaching Social Studies in the Elementary School	3			
	Electives	6		Electives	6
		15			15

SENIOR YEAR (Option I)

EDUC 401	Directed Teaching in Elementary School	6		Elective 3
				Elective 3
EDUC 402	Directed Teaching in Elementary School	6		Elective 3
				Elective 3
EDUC 411	Instructional Analysis in the Elementary School	3		
		15		12

—OR—

JUNIOR YEAR (Option II)

	Elective	3	EDUC 310	Elementary School Communication Arts Methods	3
	Elective	3			
	Elective	3			
	Elective	3	EDUC 316	Elementary School Reading Methods	3
		12	EDUC 313	Teaching Social Studies in the Elementary School	3
				Electives	6
					15

SENIOR YEAR (Option II)

EDUC 311	Elementary School Mathematics Methods	3	EDUC 401	Directed Teaching in Elementary School	3
EDUC 312	Elementary School Science Methods	3	EDUC 402	Directed Teaching in Elementary School	3
EDUC 427	Classroom Analysis and Correction of Reading Difficulties	3	EDUC 411	Instructional Analysis in the Elementary School	3
	Electives	6			
		15			15

*Physics 100, Geology 103, etc.
**At least one Geography course must be completed. If not taken under Physical Geography in Sophomore I, take Human Geography here.

I. Requirements for Elementary Education Majors.

Completion of the Elementary Education Curriculum also satisfies college General Education requirements.

II. Foundation of Education Requirements

All Elementary Education Majors are required to take Education 300 and Education 305 prior to admission to the Professional Program. Persons who have transferred a course equivalent to Education 305 must satisfy field experience requirement or present documentation of 25 hours of course-related field work.

III. Professional Program

A student is eligible for the Professional Program when he has successfully completed Steps I and II, and has successfully passed proficiency requirements in reading, writing, and speech.

Applications for admission to the Professional Program may be secured from the Education Office. Applications are usually filed at the beginning of the junior year.

IV. Professional Methods Requirements

To be eligible for student teaching all Elementary Education majors must complete the following required 18 hours in Education: 310, 311, 312, 316, 413, 427, with grades of C or better. A student may repeat an Education course only **once.**

V. Student Teaching

Upon successful completion of steps I-IV, a student is eligible for student teaching. The student teaching semester represents a 15-hour block of courses: Education 401, 402, and 411. Applications are completed at a student teaching application meeting held in March and in October.

VI. Electives

In addition to the listed requirements (steps I-V), a student normally needs 24 hours in electives to complete a B.S. degree in Elementary Education. These electives may be used to strengthen the Elementary major or to gain certification to teach in areas other than elementary education.

VII. Graduation

A student must successfully complete 120 semester hours in accord with the college's graduation requirements to receive a Bachelor of Science degree in elementary education and qualify for a Maryland State Department Teaching Certificate. This certificate provides reciprocity for teaching certification in 40 other states plus Puerto Rico and Washington, D.C.

Secondary Education

Students seeking certification for teaching in the secondary schools must select a major in one of the academic disciplines and meet the requirements prescribed by that department for its majors. These students must also take the following courses in Education: 300, 305 (persons who have transferred a course equivalent to Education 305 must present documentation of 25 hours of course-related field work), 306, 308, the appropriate methods course, and 426/428.

Secondary Education majors must achieve and maintain a minimum G.P.A. of 2.5 in their major field and an overall G.P.A. of 2.0. At least 18 semester hours of credit must be taken within the Education Department. Education 422 is required of all Communication Arts, English, and Social Studies/History Secondary Education majors. The maximum times a student may repeat an Education course is **once.** Applications for admission to the Professional Program are usually filed at the beginning of the junior year. Prior to application, each Secondary Education major must satisfy minimum levels of competency in reading, writing, and speaking according to procedures established within the Education Department. Upon completion of these requirements, a student is eligible for student teaching. Applications are completed at a meeting held in March.

Leisure Studies

(Dept. No. 4993)

Bachelor of Arts requirements for a major in Leisure Studies include Psychology 210, Leisure Studies 201, 301, 305, 400, 401, 450, and 451. Additionally, students have the option of

selecting one collateral of 18 hours or more, or two or more collaterals with a minimum of nine hours in two separate collaterals. The collateral areas of study are: "Arts" (Art, Communication Arts, Music), Biology, Business Administration, Education, Geography and Regional Planning, Philosophy, Physical Education, Psychology, Social Work, and Sociology. The courses satisfying requirements in the collateral areas are defined in the department's student information booklet.

Students must complete all General Education and Leisure Studies 201, 301, 305, 400, 401 prior to the semester they enroll in the practicum and seminar courses.

Transfer students must take Leisure Studies 301, 400, 401, 450 and 451 at Salisbury State College unless explicitly waived by the Department Chairman.

CURRICULUM GUIDE

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
ARTS 104	The Art of Man	3	MUSC 110	Music in Man's Environment	3
	Group III-A or B	4		Group III-A or B	4
PHEC 106	Personalized Fitness	2		Phys. Ed. Elective	2
		15			15

SOPHOMORE YEAR

ENGL	Literature Elective	3	LEIS 201	Man and Leisure	3
CMAT	Elective	3	GEOG 210	Geography and Regional Planning	3
	Group III	3		Group III Elective	3
PSYC 210	General Psychology	3		Group III-B Elective	3
PHIL	Elective	3		Elective	3
		15			15

JUNIOR YEAR

LEIS 301	Theories of Leisure	3	*LEIS 400	Leisure Service Delivery System	3
*LEIS 305	Leisure and Special Populations	3		Collateral	6
	Collateral	6		Electives	6
	Electives	3			
		15			15

SENIOR YEAR

LEIS 401	Leisure: Theory and Policy	3	LEIS 450	Practicum	12
			LEIS 451	Seminar	3
	Collateral	6			
	Electives	6			
		15			15

*These core courses must be taken prior to the Practicum.

Military Science

(Dept. No. 1801)

The department offers both a four-year and two-year program of instruction leading to a commission as a Second Lieutenant in the United States Army. The program, which is known as Army ROTC (Reserve Officer's Training Corps), emphasizes leadership and management training.

The four-year program consists of a two-year Basic Course and a two-year Advanced Course. The Basic Course is normally taken during the freshman and sophomore years. The course work covers management principles, national defense, military history, leadership development, military courtesy, discipline and customs. The Basic Course imposes no military obligation on students, and they may withdraw at any time before the end of the second year. The courses comprising the Basic Course are MISC 105, 106, 205 and 206.

The Advanced Course provides further instruction in leadership development, organization and management, and tactics and administration. When students enter the Advanced Course they agree to finish ROTC instruction, to accept a commission and to accept an Army duty assignment, either Active Duty, National Guard or Army Reserve. The Advanced Course consists of MISC 305, 306, 405, and 406. Students in the Advanced Course will participate in

a six-week ROTC Advanced Camp during the summer between junior and senior years of college.

The two-year program permits junior or community college transfers, students with prior military service, students who have not taken Army ROTC prior to the end of their sophomore year, or students going on to a two-year post graduate course of study, to take ROTC. Applicants for the two-year program must complete six weeks of training during the summer before taking the Advanced Course. This training is called ROTC Basic Camp.

Since ROTC is not a major, all courses currently apply as elective credit towards graduation.

Full tuition scholarships are available for qualified individuals during their sophomore, junior and senior years.

Physical Education and Health

(Dept. No. 0835) (Dept. No. 1201)

The Bachelor of Science degree in Physical Education may be pursued on either of two tracks: the teacher training major resulting in K-12 certification or the non-teaching major oriented toward optional career opportunities.

For those students selecting the teacher training track, the following requirements are applicable in the college's general education program: Biology 101,Biology 215 and 216; Physics 100 or 121; Communication Arts 100 or 250; and Psychology 210. The remaining courses in General Education are as specified by the College. The teacher training track course of study requires completion of the following courses: Health 101; Physical Education 229, 240, 250, 260, 302, 303, 305, 313, 340, 355, 406, 432, 433 and 455; Education 300, 304, 305, 403, 404, 477 and 478. All major students seeking teacher training certification must be admitted to the Professional Education Program. Students are eligible for application for the professional program when they have completed General Education requirements and successfully passed the mandatory proficiency requirements. Transfer students must meet all requirements for admission to the Professional Education Program in addition to taking a minimum of 24 hours including Physical Education 250, Education 403, 404, 477 and 478 at Salisbury State College.

For those students desiring to pursue an alternate track other than teacher training, the following requirements are applicable :

General Education courses as specified by the college including Biology 101, 215 and 216, Physics 100 or 121, Psychology 210, Communication Arts 100 or 250.

A theoretical core of physical education courses are required including PHEC 250, 355, 432, 433 and 455. Additionally, students select 15 hours of course work beyond the 100-level in physical education which are supportive of their area of interest whether it be fitness-programming, dance or athletic training. Finally, the student enrolls in a professional semester comprised of PHEC 479, Practicum and PHEC 480, Seminar.

The Department of Physical Education also has responsibility for Group IV General Education requirements. The requirements for satisfaction of the area are: Physical Education 106 (2 hours credit) and one additional physical education course including any 100-level course or PHEC 205, 207, 210 or 242. The 100-level courses are offered on a Pass/Fail basis only.

CURRICULUM GUIDE

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
CMAT 100 or 250	Fundamentals of Speech Instructional Comm.	3	PHEC 250	Introduction to Human Movement Studies	3
BIOL 101	Fundamentals of Biology	4	*PHYS 100	Introduction to Physics	3
PHEC 240	Techniques and Strategies of Aquatic Programs	1		Group I-B Elective	3
or 205	Life Saving and Water Safety	2			
		14-15			15

SOPHOMORE YEAR

	Literature Elective	3	BIOL 216	Anatomy and Physiology	4
BIOL 215	Anatomy and Physiology	4	PHEC 260	P/T International Folk Dance	1
HLTH 101	Basic Health	2			
PSYC 210	General Psychology	3	EDUC 300	Development and Learning	3
PHEC 305	Elementary School Activities	3	EDUC 305	School in Society	3
			PHEC 229	Techniques and Strategies of Advanced Gymnastics	1
		15		Group II-B Elective	3
					15

JUNIOR YEAR

PHEC 432	Human Kinetics I	4	PHEC 302	Applied Human Kinetics	3
PHEC 313	Prevention and Treatment of Athletic Injuries	3	PHEC 433	Human Kinetics II	4
			PHEC 406	Administration and Organization	3
PHEC 355	Sociocultural Foundations	3			
	Elective	3	PHEC 340	Adapted Phys. Ed.	3
		16		Elective	3
					16

SENIOR YEAR

PHEC 303	Applied Human Kinetics	3	EDUC 403	Directed Teaching in Physical Education	6
PHEC 455	Motor Learning	3			
EDUC 304	Principles of Instruction K-12	3	EDUC 404	Directed Teaching in Physical Education	6
EDUC 477	Teaching Physical Ed.	4	EDUC 478	Student Teaching of Physical Ed. Seminar	2
		13			14

*Physics 103 may be substituted.

Physical Education majors satisfy the competencies of the Group IV General Education requirement within their specialized curriculum.

Social Work

(Dept. No. 2104)

The Social Work Program is accredited by the Council on Social Work education. Students who declare a major in Social Work and who successfully complete the requirements are awarded a Bachelor of Arts in Social Work (BASW).

The SOCIAL WORK MAJOR requires 33 credit hours of required course work, three credit hours of a Social Work minority elective course, and six credit hours of Social Work electives in other areas. The required courses are Social Work 271, 371, 375, 380, 471, 472, 473, 475, and 477. The elective minority courses are Social Work 430, 482, and Spanish 250. In addition to electives in social work, students are required to take Biology 101, Psychology 210, and Sociology 211 and are encouraged to consider other elective courses in sociology, psychology, philosophy, political science, communication arts, art, language, business administration and economics. Students are required to seek faculty advisement in curriculum planning.

Transfer students who major in Social Work must take a minimum of 24 hours in social work at Salisbury State College.

Students majoring in Social Work must have a grade of C or better in each course included in the required 42 hours of social work (33 hours of required course work and nine hours of social work electives).

Admission to Salisbury State College does not assure admission to the Social Work Program. During their junior year students must apply for admission to fieldwork in the senior year. Specific information regarding requirements for the Social Work Program may be obtained from the Social Work Department.

CURRICULUM GUIDE

FRESHMAN YEAR

ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
	Group I-B Elective	3	SOWK 271	Introduction to Social Work	3
BIOL 101	Fundamentals of Biology	4	PSYC 210	General Psychology	3
PHEC 106	Personalized Fitness	2		Group III-B Elective	3
		15		Phys. Ed. Elective	1
					16

SOPHOMORE YEAR

SOWK 371	Social Welfare Policy	3	SOWK 375	Human Behavior in the Social Environment	3
	Group I-A Literature	3		Group III-B Statistics	3
SOCI 211	Principles of Sociology	3		Group I-B Elective	3
				Social Work Elective	3
	Group III-A Elective	3		Group II-B Elective	3
	General Elective	3			15
		15			

JUNIOR YEAR

SOWK 380	Social Work Research and Program Evaluation	3	SOWK 471	Social Work Methods I	3
				General Elective	3
	Social Work Minority Elective	3		General Elective	3
				General Elective	3
	General Elective	3		General Elective	3
	General Elective	3			
	General Elective	3			
		15			15

SENIOR YEAR

SOWK 472	Social Work Methods II	3	SOWK 475	Field Instruction II	6
SOWK 473	Field Instruction I	6	SOWK 477	Social Work Seminar	3
	Social Work Elective	3		General Elective	3
	General Elective	3		General Elective	3
		15			15

A total of 120 hours are needed for graduation.

School of Science

Dr. John R. Molenda, Dean

The School of Science includes the following five departments: Biological Sciences, Computer Science, Geography and Regional Planning, Mathematical Sciences and Physical Sciences. Courses offered include general courses which support the College General Education mission, support courses which provide fundamental science education for several programs in other schools in the College, and courses in the majors offered by the departments in the School of Science.

Students pursuing programs in the School of Science are assigned advisors who not only provide assistance and curricular advice but who also guide the students and offer professional advice. The graduates typically begin careers in science or continue their educations in graduate or professional schools. The rigorous programs of study within the School of Science are enhanced by collateral requirements and by General Education, and graduates are truly liberally educated in the arts and humanities as well as sciences.

Biological Sciences

(Dept. No. 0401)

Bachelor of Science requirements for a major in Biology include Biology 121, 122, 201, 202, and 418 plus an additional 23 hours of biology. Biology majors must have at least a C average in these courses for graduation. Biology 101, 105, 110, 208, 217, 220, 416, 419, and 450 are to be considered general electives and will not be acceptable for credit toward a major in Biology.

Additional requirements include Chemistry 121, 122, 203 and a course in Geology, Physics (excluding Physics 100), Statistics or Computer Sciences excluding COSC 110. Biochemistry is highly recommended for all biology majors as are a year of Physics and a semester of Calculus as they are virtually obligatory for graduate study in the discipline.

A minimum of 15 credit hours in the major while in residence is reguired for graduation with a degree in Biology.

Majors seeking certification for teaching Biology in secondary schools must meet all major requirements and must include Ecology among their 23 hours of Biology credit. In addition, they must take Math 114 or 151 and Education 300, 305, 306, 308, 336, 426, and 428. Course selection should be made in consultation with the biological science education specialist in the Department of Biological Sciences.

While Biology majors must satisfy departmental requirements, it is hoped that they will evolve a program suitable to their needs and interests by considering a track of study such as one of those listed. Students interested in pursuing a preprofessional track of study (premed, predent, prevet, prepharmacy, etc.) should contact the preprofessional advisor for specific advice. Students in the Developmental Studies program who would like to major in Biology should seek counseling from a Developmental Studies advisor.

Biology majors interested in developing their program of study around a specific area should include the following Biology electives in their course selections.

Zoology Track

Biology 313	Comparative Anatomy
Biology 316	General Entomology
Biology 320	Biology of the Vertebrates
Biology 321	Invertebrate Zoology
Biology 411	Vertebrate Embryology
Biology 422	General Physiology

Botany Track

Biology 312	Plant Taxonomy
Biology 324	Plant Morphology
Biology 325	Plant Anatomy
Biology 412	Algae and Fungi
Biology 430	Plant Physiology

Microbiology Track

Biology 211	Microbiology
Biology 322	Parasitology
Biology 323	Medical Microbiology
Biology 333	Immunology
Biology 412	Algae and Fungi

General Biological Sciences Track

23 hours of electives in biology selected according to the student's particular interest.

Preprofessional Track

The Biology Department, in close cooperation with the University of Maryland at Baltimore Dental Hygiene Department, has a program which fully qualifies students to apply for entrance into the University's Dental Hygiene Program. Students at SSC are guided in career and course selection and are given opportunities to get practical experience in Dental Hygiene. University faculty visit the SSC campus to meet with students. Qualified students enter the University in their junior year and graduate with a University of Maryland Bachelor's Degree.

Salisbury State College has affiliations with the Pennsylvania College of Optometry and the Pennsylvania College of Podiatric Medicine in seven-year programs leading to the degrees of Bachelor of Science and Doctor of Optometry or Podiatric Medicine. It usually takes eight years to earn these two degrees.

Preprofessional students should select their courses according to the admission demands of the professional schools of their area of interest. This should be done upon the advice of the Health Professions advisors.

CURRICULUM GUIDE*

FRESHMAN YEAR

BIOL 121	Biological Principles and Processes	4	BIOL 122	Biological Principles and Processes	4
CHEM 121	General Chemistry I	4	CHEM 122	General Chemistry II	4
ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
	Phys. Ed. Elective	1	PHEC 106	Personalized Fitness	2
		15			16

SOPHOMORE YEAR

BIOL 201	Cell Biology	4	BIOL 202	Genetics	4
CHEM 203	Organic Chemistry	4	CHEM 204	Organic Chemistry	4
	General Ed. Electives	6		Biology Electives	4
		14		General Ed. Electives	3
					15

JUNIOR YEAR

	General Ed. Elective	3		General Ed. Elective	3
	Biology Electives	5		Biology Electives	5
	Additional Science Elective**	(3-4)		Elective	7
	Elective	4			
		15-16			15

SENIOR YEAR

	General Ed. Elective	3	CHEM 407	Biochemistry	4
BIOL 418	Seminar	1		Biology Electives	5
	Biology Electives	5		Electives	6
	Electives	6			15
		15			

*This is presented only as a sample format of study in Biological Sciences. Course selections and credit hours can be varied to suit the needs and interests of the individual student. Alterations can be made, however college general education requirements, total credit hour requirements as well as departmental major requirements must be fulfilled before a baccalaureate degree can be awarded in the Biological Sciences.

**A course in Geology, Physics (excluding Physics 100), Statistics or Computer Science.

Computer Science

(Dept. No. 0701)

The explosive growth in computer applications in the last decade has led many people to pursue careers in Computer Science - the study of the use of computers to solve problems. In addition, many others have developed computer skills to supplement their training in another field, such as Accounting, Engineering, Mathematics, or Psychology. The Computer Science program is designed to provide students in either category with the computer skills to meet their needs.

A student whose primary interest is in Computer Science should major in Liberal Studies with a concentration in Computer Science. The requirement for the major is 30 hours of approved 300-400 level courses, each with a grade of C or better; at least 15 of those hours must be taken at Salisbury State College in Computer Science. This allows a wide degree of flexibility in designing an appropriate curriculum. For example, the following curriculum guide would be suitable for a student whose secondary interest is in Accounting.

CURRICULUM GUIDE

FRESHMAN YEAR

COSC 110	Survey of Data Processing	4	COSC 120	Computer Programming I	4
ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
PHEC 106	Personalized Fitness	2	BUAD 203	Orientation to Business Management	3
MATH 150	Algebra with Calculus	3	MATH 151	Probability and Statistics	3
		14			16

SOPHOMORE YEAR

COSC 210	File Processing	4	COSC 310	Advanced File Processing	4
BUAD 201	Accounting I	3	COSC 250	Microcomputer Organization	3
COSC 220	Computer Programming II	4	BUAD 202	Accounting II	3
	Group I-B Elective	3		Group I-B Elective	3
	Literature Elective	3		Group II-B Elective	3
		17			16

JUNIOR YEAR

COSC 350	Software Systems I	3	COSC 316	Systems Development and Implementation	3
COSC 315	Systems Analysis and Design	3		Software Systems II	3
BUAD 302	Cost Accounting I	3	COSC 450	Group III (Lab Science)	3
	Group II-B Elective Elective	3		Electives	6
	Group III (Lab Science)	3			
	Phys. Ed. Elective	1			
		16			15

SENIOR YEAR

COSC 422	Organization of Programming Languages	3	COSC 410	Data Base Management Systems	3
COSC 415	Data Communication Systems	3	BUAD 342	Federal Income Tax Accounting: Corporation	3
BUAD 341	Federal Income Tax Accounting: Personal	3		Electives	9
	Electives	6			15
		15			

NOTE: For the student whose secondary interest is in some field other than Accounting, an appropriate curriculum is available.

A student with a secondary interest in Computer Science may minor in Computer Science. The requirement for the minor is an approved sequence of 18 hours; a list of approved sequences is available from the department. Each course in the minor must be completed with a grade of C or better.

Intermediate algebra (or MATH 100) is a prerequisite for all Computer Science courses. Furthermore, each prerequisite course must be completed with a grade of C or better.

Geography and Regional Planning

(Dept. No. 2206)
(Dept. No. 1914-Geology)

Geography examines the spatial patterns and interactions of natural, cultural and socio-economic phenomena on the earth's surface. The discipline thus embraces aspects of both the physical and the social sciences.

This integrative, spatial perspective finds concrete expression in land-use management — regional/urban planning and development.

Bachelor of Science requirements for a Geography major are: a Geography core — 201, 202, 203, 204, 205, 300, and Geology 103 — plus 15 semester hours of electives in geography, at least twelve semester hours of which must be at the upper division (300-400) level; at least three semester hours in statistics (Math 114 or 151).

The Department of Geography and Regional Planning recommends that the six lower division courses be completed prior to Geography 300 and all other upper division courses. Geography 201-205 and Geology 103 may taken in any order and a student may register for more than one in a given semester. Geography 300 is specifically designed as a preparation for upper division work and should be taken before, or concurrent with upper division courses.

All courses taken to satisfy requirements for the major must be completed with a C or better.

Transfer students must complete a minimum of fifteen semester hours of C or better in geography at Salisbury State College, at least twelve semester hours of which must be at the upper division (300-400) level.

Geography majors seeking certification for teaching in either the elementary or secondary school must meet additional requirements in education. Students pursuing either of these alternatives should contact the Education Department for advisement early in their program.

While geography majors must satisfy departmental requirements, they are encouraged to develop a program suitable to their individual needs. The Department has four designated options: Cartography-Remote Sensing, General Geography, Physical Geography, and Planning. Each option is designed to provide flexible, yet directed preparation toward specific employment opportunities as well as appropriate background for related graduate work. Students seeking guidance about the options, graduate study, or career programs should see a departmental advisor.

CURRICULUM GUIDE

FRESHMAN YEAR

ENGL 101	Principles of Composition	3	ENGL 102	Principles of Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
	Geography Core Requirement*	3-4		Geography Core Requirement*	3-4
	Group III-A Elective	3-4		Group I-B Elective+	3
PHEC 106	Personalized Fitness	2		Group II-B Elective	3
		14-16			15-16

SOPHOMORE YEAR

	Literature Elective	3	MATH 114	Introduction to Statistics	3
	Geography Core Requirement*	3-4	or 151	Geography Core Requirement*	3-4
	Group III-A Elective	3-4		Group I-B Elective	3
	General Electives	6		General Electives	6
		15-17		Phy. Ed. Elective	1
					16-17

JUNIOR YEAR

GEOG 301	World Geography	3	GEOG 300	Research and Writing	3
GEOG 204	Spatial Analysis	3	MATH 313	Elementary Survey Sampling#	3
	Geography Core Requirement*	3-4		Upper Level Geography Electives	6
	General Electives	6		General Electives	3
		15-16			15

SENIOR YEAR

COSC 120	Computer Programming I	4		Upper Level Geography Electives	9
	Upper Level Geography Electives	6		General Electives	6
	General Electives	6			
		16			15

*Select from GEOL 103,GEOG 201, 202, 203, or 205 (may be taken in any order).
+CMAT 100 (Fundamentals of Speech) recommended.
#Recommended (but not required) for all geography majors.

Mathematical Sciences

(Mathematics and Statistics)
(Dept. No. 1701)

Mathematical sciences includes the traditional areas of pure and applied mathematics and statistics. Additionally, the department offers courses which overlap these areas. The department shares a Computer Lab equipped with microcomputers and terminals connected to the College's VAX-11/780 computer system.

Bachelor of Science requirements for a major in mathematics include:

1. A four course calculus sequence through differential equations (201, 202, 310, 311).
2. One course in discrete mathematics (210).
3. Two courses in algebra (306, 441).
4. Two courses in statistics (413, 414).

5. One course in mathematical models (465).
6. One 400-level mathematics elective.
7. One course in computer programming (COSC 120).
8. One course in physics (PHYS 221).
9. A collateral sequence. This can be satisfied by completing any of the following:
   (a) four approved courses in another department;
   (b) an option in statistics;
   (c) an option in computer science;
   (d) an approved minor;
   (e) the first three years of the Dual Degree Engineering Program.

Mathematics majors who seek certification for teaching mathematics in secondary schools must take geometry (406) and meet the following additional requirements: Education 300, 305, 306, 308, 335.

A student may specialize in statistics or Computer Science. An option consists of five or six approved courses in an area. Successful completion of an option will be recorded by the registrar as a degree in mathematical sciences with an option in the chosen area.

All mathematics courses taken to satisfy the requirements for the major must be completed with a C or better.

Students desiring advanced placement in calculus may apply for a placement examination for Mathematics 201 prior to orientation.

Transfer students majoring in Mathematics are required to complete at least 12 hours of approved upper division courses in Mathematics with a grade of C or better at Salisbury State College.

Once a student has received credit, including transfer credit, for a course, credit may not be received for any course with material that is equivalent to it or is a prerequisite for it.

CURRICULUM GUIDE

FRESHMAN YEAR

MATH 201	Calculus I	4	MATH 202	Calculus II	4
COSC 120	Computer Programming I	4	MATH 210	Discrete Math	3
ENGL 101	Composition	3	ENGL 102	Principles of Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
	Phys. Ed. Elective	1	PHEC 106	Personalized Fitness	2
		15			15

SOPHOMORE YEAR

MATH 310	Calculus III	4	MATH 311	Differential Equations and Series	4
MATH 306	Linear Algebra	3		Group III-A Elective	4
	Group I-B Elective	3		Group I-B Elective	3
	Group II-B Elective	3		Collateral Course #2	3
	Collateral Course #1	4			14
		17			

JUNIOR YEAR

MATH 413	Mathematical Statistics I	3	MATH 414	Math Statistics II	3
PHYS 221	Physics I	4		Math Elective	3
	Group II-B Elective	3		Group II-B Elective	3
	Collateral Course #3	3		Elective	3
	Group I-A Elective	3		Elective	3
		15-16			15

SENIOR YEAR

MATH 441	Abstract Algebra	3	MATH 465	Mathematical Models	3
	Collateral Course #4	3		Collateral Course #5	3
	Math Elective	3		Electives	9
	Electives	6			15
		15			

Twelve courses are required for the Math Major; see page 102 for details.

Three units of high school mathematics (including Algebra II) or MATH 100 is a prerequisite for all other math courses.

Physical Sciences

(Chemistry, Physics, Dual Degree-Engineering)
(Dept. No. 1901)

The Physical Sciences Department offers a broad selection of programs for students seeking productive careers in the physical sciences. The student may select from the following programs:

Chemistry: A baccalaureate program designed for either direct entry into the profession or for graduate programs in Chemistry or Chemical Engineering. With the proper selection of electives, a Chemistry major can be used for entry into the profession programs of dentistry, medicine, veterinary medicine, pharmacy, or patent law (see Pre-Professional Programs).

The requirements for a Chemistry major are: Chemistry 121,122, 203, 204, 321/322, 404, 410 (or 413), 421, 422, 423, 424, and a 3 or 4 credit hour Chemistry elective; Mathematics 201 and 202; Biology 121 or 122; and Physics 221 and 223 (or Physics 121 and 123).

Chemistry (Pre-Engineering): A 3-2 dual degree program in cooperation with the University of Maryland and Widener University (see Dual Degree Engineering).

The requirements for the Chemistry (Pre-Engineering) major are: Chemistry 121, 122, 203, 204, and 321/322; Mathematics 201, 202, 310, and 311; Computer Science 120; Physics 221, 223, 312, and 313; and Biology 121 or 122, Economics 201 or 202, and the successful completion of 30 semester hours at the receiving institution. To receive a degree in Chemistry, the student must satisfy all the requirements of the Chemistry major, either at Salisbury State College or at the receiving institution.

Chemistry (Secondary Education): A baccalaureate program designed for students seeking certification for teaching Chemistry in the secondary school. This is a NASDTEC approved teacher education program.

The requirements for the Chemistry (Secondary Education) major are: Chemistry 121, 122, 203, 204, 321/322, 404, 421, 423, and a 3 or 4 credit hour Chemistry elective; Mathematics 201 and 202; Biology 101; Physics 221 and 223 (or Physics 121 and 123); Education 300, 305, 306, 308, 336, 426, and 428.

Physical Science (General)*: A baccalaureate program designed for students seeking a broad background in the physical sciences.

The requirements for the Physical Science (General) major are: Physics 106, 107, 221 (or 121), 222 (or 122), along with nine credit hours of physics electives; Chemistry 121 and 122, and seven hours of chemistry electives; Mathematics 201 and 202; Computer Science 181; Biology 101; and Geology 103.

Physical Science (Physics/Microelectronics)*: A baccalaureate program designed for either direct entry into the profession or for graduate programs in Physics or Electrical Engineering.

The requirements for the Physical Science (Physics/Microelectronics) major are: Chemistry 121 and 122; Physics 221, 223, 311, 312, 313, 314, and 315, 321, 322, 411, 412, and 475; Mathematics 201, 202, 310, and 311; and Computer Science 120, and 285.

Physical Science (Pre-Engineering)*: A 3-2 dual degree program in cooperation with the University of Maryland, Old Dominion University, and Widener University (see Pre-Engineering).

The requirements for the Physical Science (Pre-Engineering) major are: Chemistry 121 and 122 (for Chemical Engineering, also Chemistry 203 and 204); Mathematics 201, 202, 310, and 311; Computer Science 120; Physics 221, 223, 312, and 313. Economics 201 and/or 202, and the successful completion of 30 semester hours at the receiving institution.

Physical Science (Secondary Education)*: A baccalaureate program designed for students seeking certification for teaching Physical Science in the secondary school. This is a NASDTEC approved teacher education program.

The requirements for the Physical Science (Secondary Education) major with a Physics concentration are: Physics 106, 107, 221, and 223 (or 121 and 123), 312, and nine credit hours of Physics electives; Chemistry 121, 122, and seven hours of Chemistry electives; Biology 101; Geology 103; Mathematics 201 and 202; and Education 300, 305, 306, 308, 336, 426, and 428.

The requirements for the Physical Science (Secondary Education) major with a Chemistry concentration are: Chemistry 121, 122, 203, 204, 321/322, and four credit hours of Chemistry elective; Physics 106 and 107, 221 and 223 (or 121 and 123), and four credit hours of Physics elective; Biology 101; Geology 103; Mathematics 201 and 202; and Education 300, 305, 306, 308, 336, 426, and 428.

*The requirements for a Physical Science major are: Chemistry 121 and 122, Physics 203 and 204 (or Physics 103 and 104); Math 201 and 202; twenty credit hours of Chemistry and/or Physics; plus satisfy the specific requirements for an area of concentration. The three areas of concentration are; Physics/Computer Systems, Pre-engineering, and Secondary Education.

Chemistry and Physical Science majors must have at least a C average in their major courses for graduation. Transfer students majoring in Chemistry or Physical Science are required to complete at least 15 hours in Chemistry or Physics at Salisbury State College.

CURRICULUM GUIDE

Chemistry Major
(Arts and Science)

FRESHMAN YEAR

CHEM 121	General Chemistry I	4	CHEM 122	General Chemistry II	4
ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
*MATH 121	Algebra and Trigonometry	4	*MATH 201	Calculus I	4
PHEC 106	Personalized Fitness	2		Phys. Ed. Elective	1
		16			15

SOPHOMORE YEAR

CHEM 203	Organic Chemistry	4	CHEM 204	Organic Chemistry	4
*MATH 202	Calculus II	4	PHYS 123	General Physics	4
PHYS 121	General Physics	4	or 223	Physics II-Electricity	
or 221	Physics I-Mechanics			and Magnetism	
	Literature Elective	3		Group II-B Elective	3
		15		Elective(s)+	5
					16

JUNIOR YEAR

CHEM 321/322	Analytical Chemistry	4	Chemistry Elective	4
	Group I-B Elective#	3	Group I-B Elective	3
	Group II-B Elective	3	Group II-B Elective	3
BIOL 121	Biological Principles	4	Elective(s)	5
or 122	and Processes			
	Elective(s)	2		
		16		15

SENIOR YEAR

CHEM 421	Physical Chemistry I	3	CHEM 422	Physical Chemistry II	3
CHEM 423	Experimental Physical	2	CHEM 424	Experimental Physical	2
	Chemistry I			Chemistry II	
CHEM 404	Seminar	1		Electives	10
CHEM 410	Chemical Research	3			
or 413					15
	Electives	3			
		12			

*Unless exempt by Department of Mathematics.
#Communication Arts 100 (Fundamentals of Speech) recommended.
+Mathematics 113 (Introductory Statistics) recommended.

Majors seeking certification for teaching should see the department chairman for substitute courses.

Courses of Instruction

The following pages list the courses of instruction which are planned for Salisbury State College during the academic year of 1985-86. Courses are grouped under departmental headings arranged alphabetically. The names of the faculty are listed at the beginning of the departmental course listings. Each of the departmental listings includes credit hours per course, course descriptions and required prerequisites.

Courses numbered in the 100's and 200's are planned primarily for freshmen and sophomores, while those in the 300's and 400's are generally for juniors and seniors. Special notice should be taken of prerequisites which may be required for advanced level courses. Certain 400 level courses are available either for advanced undergraduate or graduate credit.

The college reserves the right to withdraw any course for which there is insufficient enrollment.

Accounting

(Dept. No. 0502)

Associate Professor Marshall (Coordinator); Assistant Professors LaSalle, Spery.

201. PRINCIPLES OF ACCOUNTING I
3 hours credit
Survey of current financial accounting principles, the accounting cycle and financial statements. Emphasis is on proprietorships. **Prerequisite:** Not open to freshmen. **Three hours per week.**

202. PRINCIPLES OF ACCOUNTING II
3 hours credit
Survey of accounting principles and financial statements as they apply to partnerships and corporations and an introduction to manufacturing statements. **Prerequisite:** ACCT 201. **Three hours per week.**

302. COST ACCOUNTING I **3 hours credit**
Internal financial reporting practices for manufacturing concerns and an examination of cost control. Topics include manufacturing statements, job order costing, process costing, and standard costing. **Prerequisite:** ACCT 202. **Three hours per week.**

304. INTERMEDIATE ACCOUNTING I
3 hours credit
Detailed analysis of current and non-current assets and the related revenue and expense accounts. Emphasis on recent APB and FASB pronouncements. **Prerequisite:** ACCT 202. **Three hours per week.**

305. INTERMEDIATE ACCOUNTING II
3 hours credit
Detailed analysis of current and non-current liabilities, stockholders equity accounts, and the related revenue and expense accounts; statement of changes in financial position. Emphasis on recent APB and FASB pronouncements. **Prerequisite:** ACCT 304. **Three hours per week.**

306. MANAGERIAL ACCOUNTING
3 hours credit
An introduction to internal accounting — accounting for planning and control and also for special decisions. Various topics and techniques will be covered, the most pervasive being budgets. **Prerequisite:** ACCT 202. **Three hours per week.**

341. FEDERAL INCOME TAX ACCOUNTING: PERSONAL **3 hours credit**
Discussion of technical tax provisions as they pertain to individuals. Emphasis on tax planning considerations. Use of IRS forms where appropriate. **Prerequisite:** ACCT 202. **Three hours per week.**

342. FEDERAL INCOME TAX ACCOUNTING: PARTNERSHIP AND CORPORATION
3 hours credit
Discussion of technical tax provisions as they pertain to corporations, partnerships, estates, and trusts. Emphasis on tax planning considerations. **Prerequisite:** ACCT 341. **Three hours per week.**

347. BUSINESS LAW I **3 hours credit**
An introductory survey of the legal system, including contracts, business associations, partnerships, agency corporations, commercial paper, and security agreements. Emphasis is placed on the survey of principles, rules, logic and purpose of the law. **Three hours per week.**

348. BUSINESS LAW II **3 hours credit**
An expansion of Business Law I. Subjects discussed generally in Business Law I are discussed in more detail. Additional areas of bankruptcy law, securities and accountants' liability are discussed. This course stresses topics commonly found on the Uniform CPA examinations. **Prerequisite:** ACCT 347. **Three hours per week.**

402. COST ACCOUNTING II **3 hours credit**
A continuation of Cost Accounting I; cost behavior analysis, performance measurement, designing of accounting systems for internal control and other topics. **Prerequisite:** ACCT 302. **Three hours per week.**

403. ADVANCED ACCOUNTING I
3 hours credits
In-depth study of partnerships, mergers and acquisitions. Emphasis on theoretical pronouncements of authoritative bodies. **Prerequisites:** ACCT 302, 305. **Three hours per week.**

404. ADVANCED ACCOUNTING II
3 hours credit
Survey of accounting for governments and other non-profit organizations, consignments, or branches, installment sales, price level changes, and other current topics. Emphasis on theoretical pronouncements of authoritative bodies. **Prerequisite:** ACCT 302, 305. **Three hours per week.**

407. AUDITING **3 hours credit**
Duties and responsibilities of auditors, auditing standards, examination procedures, workpaper preparation, and audit reports. **Prerequisites:** ACCT 202, 302, 305, 341 and Senior Standing. **Three hours per week.**

American Studies

(Dept. No. 0313)

205. THE AMERICAN EXPERIENCE
3 hours credit
Introductory course in American Studies. The class will attempt to define the American character and society through readings in history, biography and fiction covering the 19th and 20th centuries. **Three hours per week.**

305. ALTERNATIVE COMMUNITIES AND LIFE STYLES IN AMERICA **3 hours credit**
A survey of American countercultures from the Puritans to recent communes. Emphasis will be placed on alternative forms of religion, economic and social organization, and marriage. **Three hours per week.**

315. TOPICS IN AMERICAN STUDIES
3 hours credit
A historical study of some particular aspect of American society and culture. The course may be taken twice under different course title recorded with the registrar. **Three hours per week.**

480. SENIOR SEMINAR IN AMERICAN STUDIES **3 hours credit**
A research seminar. Each student will design and carry out a research project. Class reading and discussion will attempt to integrate previous work done in American Studies and arrive at a comprehensive overview of American society and culture.

Art

(Dept. No. 1001)

Associate Professors Burgess (Chairman), Kimmel, Quillen; Assistant Professors Cleary, Ehrhardt, Peterson.

104. ART APPRECIATION **3 hours credit**
An introduction, primarily through slides, to the immense richness and variety of man's art, considering both form (how to look at art) and meaning (changing concepts of the personal, social, and religious purposes of art and of the role of the artist). Group I-B for non art majors. Elective for art majors. **Three hours per week.**

119. DESIGN IN CRAFTS **3 hours credit**
An introduction to a variety of craft design concepts and techniques. Topics for the course may vary from semester to semester. This is a special course that students may use only as an elective. It does not satisfy general education Group I-B. **Four hours per week.**

120. TWO-DIMENSIONAL DESIGN
3 hours credit
An introduction to the basic elements of two-dimensional art (line, shape, contrast, etc.); developing a knowledge and application of underlying principles of composition, through the creation of designs on a flat surface. Students must furnish their own materials. **Four hours per week.**

130. DRAWING I **3 hours credit**
An introduction to basic drawing principles, using a combination of black and white media in the exploration of linear and tonal elements. Students must furnish their own materials. **Four hours per week.**

201. INTRODUCTION TO ART HISTORY
3 hours credit
A chronological survey of art and architecture, primarily of Western Civilization, from prehistory to the present. Considers the style, subject matter, and purposes of art in relation to its historical time period or culture. **Three hours per week.**

202. HISTORY OF NINETEENTH AND TWENTIETH CENTURY ART
3 hours credit
A survey of the principal styles and movements of the "modern tradition" in art, and of the work and ideas of the major artists. Emphasis will be on the development of new ideas re-defining the concept of art and the role of the artist during this period. **Prerequisite:** Art majors should have taken 201; no prerequisite for non-majors. **Three hours per week.**

207. HISTORY OF RENAISSANCE ART
3 hours credit
A survey of art and architecture in Italy and northern Europe during the 15th and 16th centuries. Considers the work and ideas of several generations of major artists within the larger historical, cultural, and artistic contexts of this time. **Prerequisite:** Art majors should have taken 201; no prerequisite for non-majors. **Three hours per week.**

208. HISTORY OF BAROQUE AND ROCOCO ART **3 hours credit**
A survey of the visual arts in Europe from the late 16th century to the end of the 18th century. Covers the historical and cultural contexts of this art, the work and ideas of major artists, and the development of new subject matter. **Prerequisite:** Art majors should have taken 201; no prerequisite for non-majors. **Three hours per week.**

215. CERAMICS I **3 hours credit**
An introduction to the art of making clay pottery using methods of hand building, forming, glazing, decorating, and firing. Students must furnish their own materials. **Four hours per week.**

219. DESIGN IN FIBER CRAFTS **3 hours credit**
A basic course to provide students the opportunity to become familiar with techniques in textile design through the use of varied materials. Students must furnish their own materials. **Four hours per week.**

220. PRINCIPLES OF COLOR **3 hours credit**
An introduction to the exploration of the historical, physical, and psychological aspects of color through practical exercises. Students must furnish their own materials. **Four hours per week.**

225. THREE-DIMENSIONAL DESIGN **3 hours credit**
Application of the elements and principles of design, concentrating on interrelationships between mass, space, form, and volume. Students furnish their own materials. **Prerequisite:** Art 120 or consent of the instructor. **Four hours per week.**

226. ADVERTISING DESIGN I **3 hours credit**
A course introducing commercial design techniques and principles dealing with problems of communication and persuasion. Students must furnish some materials. **Prerequisite:** Art 120 or consent of the instructor. **Four hours per week.**

228. ADVERTISING ILLUSTRATION **3 hours credit**
This course will encompass the basics of commercial illustration. Students will work with the principles of type/illustration relationships. Various techniques will also be taught in relation to illustration for use with specific projects. Materials: Use of various drawing instruments, paper and board will be provided by the student. **Prerequisite:** Drawing I, Advertising Design I or consent of instructor. **Four hours per week.**

229. PHOTOGRAPHY I **3 hours credit**
A course to introduce the student to elementary black and white photographic methods and darkroom procedures. Students must furnish their own camera, film, paper, and developing tank. **Four hours per week.**

230. DRAWING II **3 hours credit**
An introduction to advanced mono- and polychromatic drawing techniques using wet and dry media. Students must furnish their own materials. **Prerequisites:** Art 130 or consent of the instructor. **Four hours per week.**

246. PAINTING I **3 hours credit**
Fundamentals in oil, acrylics and water color. Students must furnish their own materials. **Four hours per week.**

261. SCULPTURE I **3 hours credit**
A basis course to explore the expressive qualities of form, using the subtractive and additive processes. Students must furnish their own materials. Credit previously earned for Art 360 precludes registration. **Prerequisites:** Art 225 or consent of instructor. **Four hours per week.**

265. WOODCARVING: BAS-RELIEF **3 hours credit**
A studio course to teach the understanding, use and appreciation of various tools and woods, providing the student with a basis for a creative experience in wood design. Students must furnish their own materials. **Four hours per week.**

302. HISTORY OF AMERICAN ART: THE COLONIAL PERIOD TO 1900 **3 hours credit**
A survey of American painting, sculpture, and architecture from the colonial period to the end of the 19th century. Covers the social, cultural, and artistic contexts of American art; the work and ideas of major artists; and the development of an American style or tradition in art. **Prerequisite:** Art majors should have taken 201; no prerequisite for non-majors. **Three hours per week.**

303. HISTORY OF AMERICAN ART: THE TWENTIETH CENTURY **3 hours credit**
A survey of the visual arts, primarily painting and sculpture, in the United States from the turn of the century to the present, emphasizing the rapid succession of new styles and ideas about art since 1940. **Prerequisite:** Art majors should have taken 201; no prerequisite for non- majors. **Three hours per week.**

315. CERAMICS II **3 hours credit**
An introduction to the elements and principles of designing and making pottery through the process of wheel-throwing. Students must furnish their own materials. **Prerequisite:** Art 215 or consent of the instructor. **Four hours per week.**

322. ARTS ADMINISTRATION **3 hours credit**
Principles and practices of administration in the fine and performing arts. Study of programming and budget, public relations, research techniques of audience development, fund raising, and case studies of arts organizations. **Prerequisite:** Consent of faculty representative. **Three hours per week.**

326. ADVERTISING DESIGN II **3 hours credit**
An advanced study in the area of commercial communication art principles and techniques. Area includes national mass media advertising compaigns, direct mail packages, three dimensional display and a strong emphasis on illustration and typography. Students must furnish their own materials. **Prerequisite:** Art 226. **Four hours per week.**

329. PHOTOGRAPHY II **3 hours credit**
A continuation of aesthetic and experimental photographic study; expanding lab and field processes learned in Basic Photog. with emphasis on personal

expression. Areas covered incl.: filters, flash, studio and darkroom tech's, Kodalith, and multiple image. Students must furnish their own camera, film, paper, and filters. **Prerequisite:** Art 229. **Four hours per week.**

330. DRAWING III **3 hours credit**
A continuation of the study and uses of advanced mono- and polychromatic drawing techniques using wet and dry media. Special attention given to thesis-type projects. Students must furnish their own materials. **Prerequisite:** Art 230. **Four hours per week.**

340. PAINTING II **3 hours credit**
An intermediate course in painting, developing sophisticated techniques with attention to individual problems in student selected media. Students must furnish their own materials. **Prerequisite:** Art 246 or consent of instructor. **Four hours per week.**

350. PRINTMAKING: LITHOGRAPHY **3 hours credit**
An introduction to the principles of the fine art method of lithographic printing through the study of historical elements and practical processes. An exploration of various monochromatic lithographic printing techniques. Students must furnish some of their own materials. **Prerequisites:** Art 120 and 130, or consent of the instructor. Credit previously earned for Art 350 precludes registration. **Four hours per week.**

351. PRINTMAKING: INTAGLIO **3 hours credit**
An introduction to the principles of the fine art methods of intaglio printing through the study of historical elements and practical processes. An exploration of various monochromatic etching techniques. Students must furnish some of their own materials. **Prerequisites:** Art 120 and 130, or consent of the instructor. Credit previously earned for Art 350 precludes registration. **Four hours per week.**

352. PRINTMAKING: SERIGRAPHY **3 hours credit**
An introduction to the principles of the fine art method of serigraphic printing through the study of historical elements and practical processes. An exploration of various mono- and polychromatic silkscreen printing techniques. Students must furnish some of their own materials. Credit previously earned for Art 250 precludes registration. **Prerequisites:** Art 120 and 130 or consent of the instructor. **Four hours per week.**

353. PRINTMAKING: RELIEF **3 hours credit**
An introduction to the principles of the fine art method of relief printing through the study of historical elements and practical processes. An exploration of various mono- and polychromatic relief, printing techniques. Students must furnish some of their own materials. Credit previously earned for Art 250 precludes registration. **Prerequisites:** Art 120 and 130, or consent of the instructor. **Four hours per week.**

361. SCULPTURE II **3 hours credit**
An introduction to advanced methods of creating sculpture (welding, casting, building) and aesthetics. **Prerequisite:** 215 and 361 or consent of instructor. Students must furnish their own materials. **Four hours per week.**

375. METHODS AND MATERIALS FOR ELEMENTARY ART **3 hours credit**
Practice in using construction skills for developing creative art projects for elementary education (K-6). Lesson plans, various tools and materials are used to develop basic skills in art expression. **For Elementary Education majors only.** Students must furnish most of their own materials. **Four hours per week.**

390. INDEPENDENT STUDY **1 to 3 hours credit**
A course to provide directed study in one or a combination of art studio disciplines. Students must furnish their own materials. **Prerequisite:** Completion of all regularly scheduled courses in thesis area. Participation with approved application to the department, the semester prior to initiation of the study.

395. SPECIAL TOPICS IN ART **1-3 hours credit**
An intensive study of a selected area in art. This course may be taken twice for credit with different subtitles recorded with the registrar. Students must furnish most materials. **Prerequisites:** Art 120, 130, 201 and/or consent of instructor.

399. EUROPEAN FIELD STUDY **3 hours credit**
An on-site study of the geography, history and culture of the European countries. Work in the field is preceded by pre-tour lectures. (Offered annually at the discretion of the department.)

415. CERAMICS III **3 hours credit**
A course designed to present advanced techniques in pottery throwing, clay assembly and kiln firing. Students must furnish their own material. **Prerequisites:** Art 315 or consent of instructor. **Four hours per week.**

420. PHOTOGRAPHY III **3 hours credit**
The study of color photography using transparency film (slide) as the working medium. The course will cover the selection of film, the proper exposure for transparency film and the use of color in composition. Other types of color films and processes will be discussed as well as the history of color. Students must furnish their own camera and most supplies. **Prerequisite:** Art 329 or consent of the instructor. **Four hours per week.**

422. INTERNSHIP IN ARTS ADMINISTRATION **6-12 hours credit**
This course enables students to learn about arts administration as interns in arts organizations at the national, regional or local level; Art Galleries of Museums, Arts Councils, Dance Companies, Performing Arts Centers of Theatres. Work in selected areas: programming, budget, fund raising, audience development and accounting. **Pass/Fail only.** Only one of Art 422, CMAT 422, MUSC 422, or PHEC 422 may be taken for credit. **Prerequisite:** Arts Administration 322 plus consent of faculty representative in Art, Dance, Music or Theatre. **20 to 40 hours per week.**

426. ADVERTISING DESIGN III **3 hours credit**
The purpose of this course is to provide students with work experience and advanced advertising design training within the framework of a classroom. Students will have the aid of professional instruction by the instructor while gaining work experience and developing their portfolios. **Prerequisite:** Art 326 **One hour lecture and 3 hours laboratory per week.**

427. ADVERTISING DESIGN IV **3 hours credit**
An internship designed to develop mechanical production skills in conjunction with advanced advertising and graphic design assignments. **Prerequisite:** Art 426 or consent of instructor. **One hour lecture/seminar and ten or more house internship per week.**

429. PHOTOGRAPHY IV **3 hours credit**
This course is designed to stimulate three hours per week directions in serious photography, considering personal aesthetic style and artistic/professional aspirations. The use of 4x5 view cameras, and other advanced techniques will be covered. Projects will be done in photo-essay form, and will be designed to build students' portfolios. Students must furnish their own camera, film and paper. **Prerequisite:** Art 329. **Four hours per week.**

430. DRAWING IV **3 hours credit**
A continuation of the study and uses of advanced monochromatic and polychromatic drawing techniques using wet and dry media. Special attention given to on-going thematic projects. Students must furnish their own materials. **Prerequisite:** Art 330.

440. PAINTING III **3 hours credit**
A course requiring an individual theme or goal using one of the following media: watercolor, oil, acrylic or agreed upon substitute. Both concise papers and the paintings will verify objectives. **Prerequisite:** Art 340. **Four hours per week.**

461. SCULPTURE III **3 hours credit**
Advanced studio work based on agreement between student and instructor as to content and quantity of work required. **Prerequisite:** Art 361 or consent of instructor. **Four hours per week.**

475. ARTS AND CRAFTS FOR THE EXCEPTIONAL CHILD **3 hours credit**
Offering a study of diversified art activities for the exceptional child; emotionally and mentally retarded, and gifted, and to acquaint the prospective teacher with the characteristics of this type of grouping. **Prerequisites:** Art Ed. 375 and Psych. 423. **Four hours per week.** *(Spring Semester Only.)*

490. INDEPENDENT STUDY **1 to 3 hours credit**
A course to provide additional directed study in one or a combination of studio disciplines. Students must furnish their own materials. Recommended for graduate and undergraduate credit. **Prerequisite:** Art 390. Participation with approved application to the department, the semester prior to initiation of the study.

498. SENIOR SEMINAR **3 hours credit**
A course to direct art students in summarizing their college art study through the active planning and execution of professionally oriented activities, annual senior exhibits, professional portfolios, and professional resumes. **Prerequisites:** 27 hours in art. Open to seniors currently pursuing a degree in art. **Four hours per week.**

Biological Sciences

(Dept. No. 0401)

Professors Hedeen, Kernaghan, Womack; Associate Professors DiGiovanna, Jones (Chairman), Standaert; Assistant Professors Grogan, Jensen, Murray, Sistrunk, Wingo; Instructor Geiger.

101. FUNDAMENTALS OF BIOLOGY **4 hours credit**
A course designed to introduce students to the principles inherent to life, with a broad overview of the cell, the organism and the community in which living things exist. **Three hours lecture and one, two-hour laboratory per week.**

105. BIOLOGY AND SOCIETY **3 hours credit**
A course designed to introduce the non-biology major to the broad principles, fundamental ideas and new discoveries in biology that so significantly affect man's present and future existence. This course endeavors to relate the study of biology to the pressing social and cultural issues of today. **Prerequisite:** Biology 101. **Three one-hour lectures per week.** May not be used to satisfy course requirements within the major.

110. BIOLOGY OF MAN **4 hours credit**
An introduction for non-biology majors to major activities and characteristics of living things, using the human being as a representative organism. For students in the Honors Program. **Three hours lecture and one, two-hour laboratory per week.**

121. BIOLOGICAL PRINCIPLES AND PROCESSES **4 hours credit**
An introduction to the study of Botany relating the diversity and physiology of the plant kingdom to its biochemical and cellular bases. This course is designed for the student with a serious interest in Biology and is a prerequisite for all upper-level Biology courses. **Three hours lecture and one, three-hour laboratory per week.**

122. BIOLOGICAL PRINCIPLES AND PROCESSES **4 hours credit**
An introduction to the study of Zoology, relating the diversity and physiology of the animal kingdom to its genetic, evolutionary and environmental bases. This course is designed for the student with a serious interest in Biology and is prerequisite for all upper-level Biology courses. **Three hours lecture and one, three-hour laboratory per week.**

201. CELL BIOLOGY **4 hours credit**
A course relating cellular structure and function, with special emphasis on the molecular basis of cellular activity. A primary goal of this course is to present a unified introduction to the present state of our knowledge of cellular events and a framework into which new facts will fit as they become available. **Prerequisites:** Biology 121 and 122. **Three, one-hour lectures and one, two-hour laboratory per week.**

202. GENETICS **4 hours credit**
A study of Mendelian and modern genetic principles with emphasis upon transmission mechanisms, the structure and function of genetic information, and problem solving. Includes classical and molecular genetics. **Prerequisites:** Biology 121 and 122. **Three, one-hour lectures and one, two-hour laboratory per week.**

208. BIOLOGY OF AGING **2 hours credit**
A study of causes, bodily reactions, and signs and symptoms of changes commonly found in older people. Not acceptable for General Education credit. **Two hours lecture per week.**

210. INTRODUCTION TO ENVIRONMENTAL HEALTH **3 hours credit**
This course introduces students to aspects of man's impact on the environment and means used to monitor, control and regulate those aspects detrimental to the promotion of a healthy environment. Topics will include food technology and protection; housing, industrial, occupational and recreational environments; air quality; waste management; and water quality and pollution control program. **Prerequisites:** BIOL 121 or 122 and CHEM 121 or 122 or acceptable equivalents. **Three hours per week.**

211. MICROBIOLOGY **4 hours credit**
A fundamental course in the study of microorganisms and their activity, with emphasis on bacteria. **Prerequisite:** Biology 101 or 121 or 215. **Two hours lecture and four hours laboratory per week.**

215. HUMAN ANATOMY AND PHYSIOLOGY **4 hours credit**
A comprehensive study of the structure and function of the human organism. **It is recommended that students take Biology 101 or Biology 122 prior to Biology 215. Three lectures and three hours laboratory per week.**

216. HUMAN ANATOMY AND PHYSIOLOGY **4 hours credit**
A comprehensive study of the structure and function of the human organism. **Prerequisite:** Biology 215. **Three hours lecture and three hours laboratory per week.**

217. NUTRITION **3 hours credit**
A foundation in the science of nutrition, including biological and biochemical backgrounds for the understanding of nutritional requirements. **Prerequisite:** One of the following courses; Biology 101, 121, 122 or 215. **Three hours lecture per week.**

220. ENVIRONMENT AND MAN **4 hours credit**
An interdisciplinary laboratory course in conjunction with the departments of Physical Sciences and Geography and Regional Planning designed for the non-science major and is intended to develop in the student a greater awareness of the ways in which the earth's environment is influenced by man's activities as well as the effects of man's environment on human society. This course cannot be repeated for credit in the Chemistry or Geography Departments. For students in the honors program. **Three hours lecture, two hours lab per week.**

301. HISTORY AND LITERATURE OF BIOLOGY **2 hours credit**
A course designed to introduce the student to the literature of biology, with special emphasis on the development of modern concepts and techniques of information retrieval. **Prerequisite:** Biology 101, 121 or 122. **Two hours lecture per week.**

312. PLANT TAXONOMY **3 hours credit**
A course in the classification of plants, with emphasis on the local flora. **Prerequisite:** Biology 203 or 121. **Two hours lecture and three hours laboratory per week.**

313. COMPARATIVE ANATOMY **4 hours credit**
A study of the body structure of the vertebrates, with emphasis on the progressive, adaptive changes that occurred in vertebrate evolution. Includes a survey of human body systems. **Prerequisite:** Biology 122. **Two hours lecture and four hours laboratory per week.**

316. GENERAL ENTOMOLOGY **3 hours credit**
A study of the natural history, identification, and life cycles of insects, with special reference to those species of medical and economic importance to man. **Prerequisite:** Biology 122. **Two hours lecture and three hours laboratory per week.**

320. BIOLOGY OF THE VERTEBRATES **3 hours credit**
Topics in vertebrate animal life, such as speciation, distribution, North American wildlife, hibernation, and migration. Field trips emphasize identification, natural history, and wildlife biology. Two Saturday trips. **Prerequisite:** Biology 204 or 122. **Two hours lecture and three hours laboratory per week.**

321. INVERTEBRATE ZOOLOGY **3 hours credit**
A study of animals without backbones, including diversification and adaptation of structure and function. **Prerequisite:** Biology 204 or 122. **Two hours lecture and three hours laboratory per week.**

322. PARASITOLOGY **3 hours credit**
A study of the important parasites of man and domestic animals. **Prerequisite:** Biology 204 or 122. **Two hours lecture and three hours laboratory per week.**

323. MEDICAL MICROBIOLOGY **4 hours credit**
A study of the medically important microorganisms, including methodology and techniques of identification. **Prerequisite:** Biology 211. **Two hours lecture and four hours laboratory per week.**

324. PLANT MORPHOLOGY **3 hours credit**
A study of the life cycles and identification of plants, with special emphasis on the bryophytes, ferns, and gymnosperms. **Prerequisite:** Biology 121. **Two hours lecture and three hours laboratory per week.**

325. PLANT ANATOMY **4 hours credit**
A study of plant structure, both gross and microscopic, with emphasis on higher plants. **Prerequisite:** Biology 121. **Two hours lecture and four hours laboratory per week.**

326. ECOLOGY **3 hours credit**
The relationships of living things to each other and to the environment. Research and field techniques are introduced. **Prerequisites:** Biology 101, 121 or 122. **Two hours lecture and three hours laboratory per week.**

333. IMMUNOLOGY **4 hours credit**
A basic course dealing with the cellular and chemical aspects of immunity. The antigen-antibody reaction will be surveyed and its clinical laboratory implications thoroughly discussed. **Prerequisite:** Biology 211. **Two hours lecture and four hours laboratory per week.**

334. PATHOPHYSIOLOGY **4 hours credit**
A study of the causes, bodily reactions, signs and symptoms involved in selected human diseases. Emphasis is placed on the more common and more serious pathologies. **Prerequisites:** Biology 215 and 216. **Three hours lecture and one, two-hour laboratory per week.**

410. ESTUARINE BIOLOGY **3 hours credit**
This course is a general study of estuarine biology with a focus on the Chesapeake Bay. The biota found there, its unique biology, and current perturbations due to environmental pollution will be covered in detail. A brief introduction to physical and chemical processes of estuaries is also included. **Prerequisite:** Biology 121, 122, 201, (Biology 321 is strongly recommended). Two hours lecture and two hours laboratory per week. (Available for either graduate or undergraduate credit.) **Three hours per week.**

411. VERTEBRATE EMBRYOLOGY **4 hours credit**
A comparative study of the embryology of the vertebrates, including evolutionary relationships and topics in developmental biology. **Prerequisites:** Biology 201 and 122. **Two hours lecture and four hours laboratory per week.**

412. ALGAE AND FUNGI **4 hours credit**
A study of the diversification and adaptation of lower plants, with emphasis on the algae and fungi. **Prerequisite:** Biology 121 and 211. **Two hours lecture and four hours laboratory per week.**

413. HISTOTECHNIQUE **3 hours credit**
A course in the preparation of tissues for microscopy. **Prerequisite:** Biology 201. **One hour lecture and four hours laboratory per week.**

414. HISTOLOGY **4 hours credit**
Microscopic study of animal tissues with functional interpretation. **Prerequisite:** Biology 201. **Two hours lecture and four hours laboratory per week.**

415, 416. RESEARCH IN BIOLOGY **3 hours credit each**
Independent study, in which student conducts their own research project under the supervision of a faculty member. **Prerequisite:** Consent of instructor. **Schedule to be arranged individually.**

418, 419. BIOLOGY SEMINAR 1 hour credit each
Discussions concerning timely topics in biology and related fields. Includes direct student participation and faculty lectures. **Prerequisite:** Consent of instructor. **One hour per week.**

422. GENERAL PHYSIOLOGY **3 hours credit**
Encompasses the underlying physical and chemical principles of vital activity. Basic mechanisms are emphasized. The laboratory will include techniques in physiological investigation. Advanced study of the mechanisms by which living things function. **Prerequisite:** Biology 201 or 121 and 122 and consent of instructor. **Two hours lecture and three hours laboratory per week.** (Available for either graduate or undergraduate credit.)

423. ELECTRON MICROSCOPY **3 hours credit**
Introduction to the principles and techniques of electron microscopy in biology, including tissue fixation, embedding, ultramicrotomy, microscopy and photography. **Prerequisite:** Biology 201. **Two hours lecture and three hours laboratory per week.**

430. PLANT PHYSIOLOGY **4 hours credit**
Advanced study of the physiological mechanisms utilized by plants, with special reference to the higher phyla. **Prerequisites:** Biology 121 or 201. A minimum of eight hours of chemistry is highly recommended. **Two hours lecture and 4 hours laboratory per week.** (Available for either graduate or undergraduate credit.)

435. CYTOLOGY **3 hours credit**
A discussion of the structure and function of the cell and its components. Laboratory work is based on light microscopy and electron microscopy. **Prerequisite:** Biology 201. **Two hours lecture and three hours laboratory per week.**

440. CONTEMPORARY GENETICS **3 hours credit**
An advanced study of molecular genetic engineering processess. **Three hours lecture per week. Prerequisite:** Biology 201, 202, and Chemistry 202, 204 or consent of instructor. (Available for either graduate or undergraduate credit)

450. INTERNSHIP **1-6 hours credit**
A work experience is arranged to provide the student with an opportunity to use acquired Biological knowledge in a professional way. **Prerequisite:** Senior standing, biology major and approval of department chairman. **Two hours of work per week for each credit hour.** Pass/No credit basis only.

490. SPECIAL TOPICS IN BIOLOGY **1-3 hours credit**
A study of a specific area of biological science. The topic will vary from semester to semester. The course may be taken twice for credit. **Prerequisites:** Biology 121 and 122 and approval of the instructor.

499. HONORS **3 hours credit**
Independent study in an area of biology leading to an honors thesis. **Prerequisite:** Approval of department chairman.

Business Administration

(Dept. No. 0506)

Professors Lewis (Finance Coordinator), Nicholas (Marketing Coordinator), Stark (Management Coordinator), Associate Professors Gallagher (ISM Coordinator), Lake, Muller; Assistant Professor Salimian; Instructor DiBartolo.

203. ORIENTATION TO BUSINESS MANAGEMENT **3 hours credit**
A practical introduction to the internal and external environment of contemporary business. What business is, why it operates as it does, and a survey of basic concepts, principles, and practices. Provides a foundation for advanced study and assistance in making career decisions. **Prerequisite:** Open to Pre-Business and Non-Business majors only. **Three hours per week.**

213. PERSONAL FINANCE **3 hours credit**
A comprehensive survey of personal financial topics. Topics include: budgeting; borrowing; savings and investments; life, health and casualty insurance; and home buying. Emphasis is on life-time economic cycle. Students who have credit for, or are taking, BUAD 311 (Financial Techniques) will not receive credit for this course. **Three hours per week.**

281. INTERMEDIATE BUSINESS STATISTICS: APPLICATIONS AND ANALYSES **3 hours credit**
An applied business statistics course which emphasizes the use of statistical methods and forecasting techniques as quantitative tools in the analysis of practical business and economic problems. Students will be expected to design experiments; research and collect sample data; perform correlation and regression analysis; and do tests using confidence intervals and analysis of variance. Complex business and economic problem applications will require use of the computer. **Prerequisites:** Mathematics 150, 151 and Computer Science 120. **Three hours per week.**

311. FINANCIAL TECHNIQUES **3 hours credit**
An examination of the skills necessary for the manipulation, use and control of funds within the business setting. A study of the functions of the finance manager, i.e., an evaluation of alternative uses of funds and the procurement of funds. **Prerequisites:** ACCT 202, BUAD 281, Economics 201, 202. **Three hours per week.**

312. RISK MANAGEMENT AND INSURANCE **3 hours credit**
The course examines principles and practices of asset and income conservation for businesses and individuals through various risk-management techniques including insurance. **Prerequisites:** BUAD 311 or consent of instructor. **Three hours per week.**

320. PRINCIPLES OF MANAGEMENT **3 hours credit**
General nature and functions of organization and management in American business with analysis of underlying trends. **Prerequisites:** ACCT 202, BUAD 281, Economics 201, 202. **Three hours per week.**

322. LABOR-MANAGEMENT RELATIONS **3 hours credit**
A course in labor-management relations addressing such topics as the historical development of labor relations, the collective bargaining process, critical issues related to wages benefits, satisfaction and the rights of management, employees and union. **Prerequisite:** BUAD 320. **Three hours per week.**

326. OPERATIONS MANAGEMENT **3 hours credit**
Introduction to production aspects of business through study of product planning, equipment planning, facilities planning, process analysis, and inventory control. **Prerequisites:** BUAD 320, 380. **Three hours per week.**

330. PRINCIPLES OF MARKETING **3 hours credit**
Basic marketing concepts and principles surveyed from a managerial perspective. The marketing concept, environment and demand analysis, marketing mix (product, price distribution, communication and promotion mix decisions) formulation and implementation of marketing strategies. **Prerequisites:** Economics 201, 202. **Three hours per week.**

331. ADVERTISING **3 hours credit**
An overview of the field of advertising and sales promotion as it relates to economic and social systems. A managerial approach to such topics as promotional planning, research, media selection, creative implementation, etc. Retail, business/professional and consumer advertising will be included. **Prerequisite:** BUAD 330. **Three hours per week.**

332. CONSUMER BEHAVIOR **3 hours credit**
An examination of the consumer as a problem solver. Topics will include buying decision processes; social, psychological, anthropological, and economic factors that influence behavior in the marketplace. Principles, theories, models, and research techniques related to purchasing behavior will be examined. Readings in the current literature will serve as a course foundation. **Prerequisite:** BUAD 330. **Three hours per week.**

333. PERSONAL SELLING **3 hours credit**
An in-depth examination of the personal selling activity including analysis of the buyer-seller dyad; the selling process; buyer motivation; the design and delivery of sales presentations; account management; and social, legal and ethical issues. **Prerequisite:** BUAD 330. **Three hours per week.**

334. PRINCIPLES OF RETAILING **3 hours credit**
An evaluation of retailing in our economy, with emphasis on change in a dynamic environment. Topics such as structure, organization, merchandising, plan-

ning policy, inventory, pricing, recordkeeping, communication, personnel, location, etc., will be reviewed, discussed and analyzed. **Prerequisite:** BUAD 330. **Three hours per week.**

338. BUSINESS SYSTEM COMPONENTS
3 hours credit

Advanced study of business components. Topics vary from term to term based on community interests and needs. This course may be repeated once for credit as topics vary. This course may substitute for a concentration elective depending on the topic (see your advisor). **Prerequisite:** Varies by topic. **Three hours per week.**

360. GOVERNMENT REGULATION OF BUSINESS **3 hours credit**

The business function under the regulatory bodies of all levels of government. Federal, state, and local government requirements for business operations are covered as well as their effect on the economic operation of the enterprise. **Prerequisites:** Economics 201, 202. **Three hours per week.**

370. INFORMATION SYSTEMS CONCEPTS FOR MANAGEMENT **3 hours credit**

An introductory course that provides a foundation for understanding and analyzing systems and information in organizations. Focus is on computer based information systems to support operations and management. Course will include a written project report. **Prerequisite:** Junior standing in BUAD major or consent of instructor. Students who have credit for BUAD 470 will not receive credit for this course. **Three hours per week.**

380. QUANTITATIVE METHODS FOR BUSINESS DECISIONS **3 hours credit**

An applied quantitative method course which emphasizes the management science approach to business decision making under conditions of certainty and risk. Both descriptive and normative models will be formulated for making rationale decisions in business and economic investment, allocation, scheduling, and planning problems. Complex application problems will require use of the computer. **Prerequisite:** MATH 150, MATH 151, COSC 120.**Three hours per week.**

411. PRINCIPLES OF INVESTMENT AND SECURITY ANALYSIS **3 hours credit**

Various approaches to evaluating the "value" of a potential commitment of funds to a particular security. Portfolio development and management, the investment environment. **Prerequisite:** BUAD 311. **Three hours per week.**

420. BUSINESS AND SOCIETY **3 hours credit**

The Business and Society course focuses on social problems facing business organizations. Equal rights, ecology, consumerism, quality of work life, government-business interface, economic instability, energy and other emerging social issues are examined. Students are expected to analyze these different problems and develop approaches for dealing with them effectively and responsibly. **Prerequisites:** BUAD 320, 330. **Three hours per week.**

425. ORGANIZATIONAL BEHAVIOR
3 hours credit

Emphasis on the understanding of human behavior and the motivation of employees to work together in greater harmony. Topics include fundamentals of organizational behavior, leadership and its development, organizational environment and communications and group processes. **Prerequisite:** BUAD 320. **Three hours per week.**

427. PERSONNEL MANAGEMENT
3 hours credit

Solving the actual problems in organization of the personnel function: recruitment, selection, development, and compensation of personnel. Labor union relations, and development of personnel policy. **Prerequisite:** BUAD 320 or permission of instructor. **Three hours per week.**

428. SMALL BUSINESS MANAGEMENT
3 hours credit

A study of practices and policies contributing to the profitable operation of small business under competitive economic conditions. Emphasis placed on owner-operator business. **Prerequisites:** BUAD 311, 320, 330. **Three hours per week.**

430. MARKETING MANAGEMENT
3 hours credit

Comprehensive managerial analysis of the marketing function. What the marketing manager does and how the activity is orchestrated. Emphasis on strategic planning and the implementation and control of marketing mix activity. **Prerequisite:** BUAD 330. **Three hours per week.**

433. SALES MANAGEMENT **3 hours credit**

The planning, organizing and administration of the personal selling component of the marketing program. Emphasis is placed on market analysis; establishing objectives and strategy; sales forecasts and budgets; territory assignments; selection, supervision, motivation, and compensation of sales personnel; and interorganization coordination. **Prerequisites:** BUAD 333. **Three hours per week.**

438. MARKETING RESEARCH **3 hours credit**

Collection and analysis of marketing data viewed in context of identifying the market demand. Methods of decision making for marketing management. Specific topics covered include Bayesian decision theory, sampling techniques, and regression and correlation analysis. **Prerequisites:** BUAD 281, 330. **Three hours per week.**

439. SENIOR MARKETING SEMINAR
3 hours credit

An integrative course requiring students to address contemporary issues and to practice marketing management. Utilizing an experiential approach students assess marketing situations, develop strategy, and design marketing plans and programs. Involves direct contact with marketing organizations and the study of current marketing periodicals and readings. **Prerequisites:** Senior standing, BUAD 430, 438, and consent of instructor. **Three hours per week.**

440. FINANCIAL MANAGEMENT **3 hours credit**

This course uses the case method to focus on decisions and processes which affect the value of the firm. Particular attention is given to analysis of risk under conditions of uncertainty and the timing of financial policy. **Prerequisite:** BUAD 311. **Three hours per week.**

445. FINANCIAL INTERMEDIARIES
3 hours credit

Portfolio management in an institutional setting. The risk-return trade off is examined under the legal/liquidity constraints found in both deposit and non-deposit financial institutions. **Prerequisite:** BUAD 311 or consent of the instructor. **Three hours per week.**

460. MANAGEMENT ANALYSIS OF DECISIONS **3 hours credit**

Analysis of rational management decision making under conditions of risk and uncertainty. The integration of information and decision concepts with specific emphasis on the analysis of decision problems with multiple, conflicting objectives in industry and government. **Prerequisite:** BUAD 281, 320. **Three hours per week.**

475. INFORMATION SYSTEMS ANALYSIS & DESIGN I **3 hours credit**

An introduction to basic system analysis tools and the procedures for conducting a system analysis. Topics to be covered include system requirements, the initial analysis, the general feasibility study, structured analysis, detailed analysis, logical design, and the general system proposal. Practical experience will be gained through projects and/or case studies. Written project and/or case study report will be required. **Prerequisite:** BUAD 370 or 470 and experience with file design concepts. **Three hours per week.**

476. INFORMATION SYSTEMS ANALYSIS & DESIGN II **3 hours credit**

A continuation of BUAD 475. Topics to be covered include structured design; physical system design; detailed feasibility analysis; specification of input-output methods and formats; design of files, programs and procedures; system testing; implementation procedures; and system life cycle management. Concepts will be implemented thourgh case studies and/or projects. Written project and/or case study reports will be required. **Prerequisite:** BUAD 475. **Three hours per week.**

490. BUSINESS INTERNSHIP **3 hours credit**

Supervised, and academically coordinated, work experience in business or government. **Prerequisites:** Junior-senior standing; BUAD or economics major; appropriate employment, and approval of internship director.

491. ADVANCED BUSINESS INTERNSHIP
3 hours credit

Research associated with a work experience in business or government. **Prerequisites:** BUAD 490 or concurrent enrollment in BUAD 490, approval of research proposal within 20 days of beginning of semester.

492. BUSINESS POLICY **4 hours credit**

A seminar designed to assist the student in formulating business decisions. Emphasis is on relating the appropriate marketing, financial, and management information. **Prerequisites:** BUAD 311, 320, 330; senior business majors and permission of instructor. **Three hours lecture and one two-hour lab per week.**

494. SELECTED PROBLEMS IN BUSINESS
1-3 hours credit

This course is designed for the student who desires to do research or pursue a special topic in the area of business administration. **Prerequisite:** Consent of the instructor prior to registration.

Chemistry

(see Physical Science page 160)

Communication Arts

(Dept. No. 1597)

Professor Wesley; Associate Professor Wilkerson; Assistant Professors Daly (Chairperson), Hepburn (Director of Theatre),Hunt, Smith; Instructors Patt, Pfeiffer, Scovall. Handley (Director of Communications Center).

100. FUNDAMENTALS OF SPEECH
3 hours credit

Exercises in methods of research, in the selection and organization of materials, and in the process of oral communication. Credit may not be earned for this course if student has credit for CMAT 250 or 260. **Three hours per week.***

105. LISTENING: PROCESSES AND BEHAVIOR **3 hours credit**

The place and value of listening in communication. Awareness of the importance of listening and the kinds of aural experience that make for better understanding. **Three hours per week.***

110. INTRODUCTION TO MASS MEDIA
3 hours credit

Theory, history, structure and functions of mass media (print, film, recording, radio, television, multimedia). **Three hours per week.**

120. INTRODUCTION TO THEATRE
3 hours credit

An introduction to theatre as a unified art with emphasis upon the literary and social significance of theatre in our society. **Three hours per week.***

121. STAGECRAFT **3 hours credit**
Practical experience in technical theatre and television including set design, construction and lighting. Previous number CMAT 115. Two hours lecture and two one-hour laboratory periods. **Three hours per week.**

122. PERFORMING **3 hours credit**
An introduction to performing in various media including Theatre, TV and Film; emphasis on movement and silent expression as ways of communicating. Previous number CMAT 116. **Three hours per week.**

125. THEATRE PRACTICUM **1-2 hours credit**
Provides supervised experience in theatre production and performance. May be repeated for a total of 8 credit hours. May be taken on Pass/Fail basis only. **Prerequisite:** Permission of the instructor.

135. RADIO AND TELEVISION PRACTICUM
2 hours credit
Supervised experiences in radio and television production and performance. May be repeated for a total of 8 credit hours. Credits may be earned in several areas. **Prerequisite:** Communication Arts 117 and permission of the instructor.

137. BASIC RADIO AND TELEVISION STUDIO TECHNIQUES **3 hours credit**
An introduction to the equipment and techniques of radio and television production. The class will give an overview of the past and present technologies, and provide several opportunities for hands-on experience in both the radio and television production facilities. Previous number CMAT 117. **Three hours per week.**

200. THEORIES OF HUMAN COMMUNICATION **3 hours credit**
Introductory study of selected theories from several disciplines including rhetoric, interpersonal communication linguistics, semiotics, and cybernetics. **Prerequisites:** Six hours CMAT courses. **Three hours per week.**

201. ELEMENTS OF VOICE AND DICTION
3 hours credit
Study of the fundamentals of voice pr duction and articulation. Designed to establish good habits of speech through analysis of each student's voice, articulation, and pronunciation, with directed exercises for improvement. **Three hours per week.**

205. INTERPERSONAL COMMUNICATION
3 hours credit
A study of the factors that motivate and determine communication or non-communication among individuals, of the psychological barriers and inducements to open communication, and the effects of these factors upon the persons involved. **Three hours per week.***

218. ADVANCED PUBLIC SPEAKING
3 hours credit
Designed to provide exposure and practice in the preparation and presentation of messages. Emphasizes the nature, methods and principles of public address including persuasive, informative, and special occasion presentations. **Prerequisite:** CMAT 100. **Three hours per week.**

220. HISTORY OF THE THEATRE
3 hours credit
Survey of theatre history, dramatic theory, plays and playwrights, production practices and performance styles, emphasizing their relationship to the development of world civilization as both product of and mirror to man's changing values, tastes, attitudes and customs. **Three hours per week.**

224. ACTING **3 hours credit**
A study of the theory and basic principles of the creative processes of acting with an emphasis on physical, mental, and emotional process in the building of a dramatic character. **Prerequisite:** Consent of instructor. Previous number CMAT 215. **Three hours per week.**

225. ORAL INTERPRETATION OF LITERATURE **3 hours credit**
An approach to the study of literature through the medium of oral performance. May be counted as an English elective for students majoring in English. **Three hours per week.***

230. THE MASS MEDIA AND SOCIETY
3 hours credit
A critical inquiry into the persuasive elements generated through the mass media, and the resulting influence the media exert upon the society they serve. **Three hours per week.**

231. RADIO AND TV ANNOUNCING
3 hours credit
The student will be introduced to the techniques of vocal communication utilized by network radio and TV announcers. Stress will be given to the development of microphone and visual technique, with practical experience in announcing various types of material. Previous number CMAT 203. **Prerequisite:** Communications Arts 116 and 117 or written consent of the instructor. **Three hours per week.**

237. RADIO PRODUCTION **3 hours credit**
A study and practice in all phases of radio production and equipment operation; study of legal and professional requirements for radio broadcasters. **Prerequisite:** Communications Arts 117 or written consent of instructor. **Three hours per week.**

238. TELEVISION PRODUCTION **3 hours credit**
Broadcast and closed circuit video. Nature and impact of the medium. Terminology, camera operation, lighting, staging, videotaping in black and white and color. Field trips. **Prerequisite:** Communication Arts 117 or written consent of instructor. **Two hours lecture and two hours laboratory per week.**

246. JOURNALISM **3 hours credit**
Introduction to newspaper reporting and journalistic writing; the practical problems of publishing a newspaper. Not open to students who have taken English 211 or 216. **Prerequisite:** English 101. **Three hours of lecture and two hours of laboratory per week.**

248. NEWS EDITING **3 hours credit**
Training in copy-reading, headline writing, and newspaper make-up. Not open to students who have completed English 218. **Prerequisite:** CMAT 246 or consent of instructor. **Three hours of lecture and two hours of laboratory per week.**

250. INSTRUCTIONAL COMMUNICATION
3 hours credit
Study of the communicative factors involved in the teaching-learning process. Students will have an opportunity to explore the communication concepts applicable to classroom instruction, as well as to develop the communication skills essential in teaching groups of students. Students who complete this course cannot receive credit for either Communication Arts 100 or 260. **Three hours per week.***

251. SURVEY OF SPEECH AND HEARING DISORDERS **3 hours credit**
A preview of articulation, voice, rhythm, language, and hearing disorders. The student will learn to recognize disorders and become familiar with diagnosis and treatment methods. Previous number CMAT 210. **Three hours per week.**

260. COMMUNICATION IN BUSINESS
3 hours credit
Study of the various human communication systems employed in business. Students will have an opportunity to explore one-to-one, small group, and one-to-many communication, as well as to develop the skills essential to their application in the business enterprise setting. Students who complete this course cannot receive credit for either Communication Arts 100 or 250. **Three hours per week.***

299. HONORS TOPICS IN COMMUNICATION
3 credit hours
Selected relevant topics including, but not limited to, topics in theatre, mass media, rhetoric and human communication, will be offered in the spring semester of alternating years. Course is designed primarily for freshman and sophomore members of the college honors program and will encourage individual research and creative projects/productions as the topic permits. **Prerequisite:** Approval of Dr. Whall. **Three hours per week.**

305. INTERPERSONAL COMMUNICATION II
3 hours credit
Extension of Interpersonal Communication 205. A laboratory approach to the study of communicating in relationships. Exercises and assignments assist students in examining how they talk to others and form partnerships. **Prerequisite:** Communication Arts 205. **Three hours per week.**

306. CONVERSATIONAL ANALYSIS
3 hours credit
Study of conversational goals and strategies. Focus on recognizing and understanding role of specific features (i.e. pronouns, sentence structure) in interpersonal contexts; individual communicative strategies and their effects on conversational patterns. Readings; data analyses; 2 or 3 exams. **Prerequisite:** CMAT 205.

310. SMALL GROUP DISCUSSION
3 hours credit
Participation in and analysis of small group discussion. Emphasis on communication within the small group setting and effective group decision-making. **Prerequisite:** CMAT 100 or 205. **Three hours per week.***

312. NONVERBAL COMMUNICATION
3 hours credit
A study of human communicative behavior without the use of words. Ways of sending and receiving nonverbal messages are examined with the goal of awareness and understanding of their communicative value. **Prerequisite:** either Communication Arts 100 or 205. **Three hours per week.**

315. PERSUASIVE SPEAKING **3 hours credit**
Practice in persuasive speaking. Study of argumentation and persuasion theory with emphasis on practical application of advanced speaking skills. **Prerequisite:** Communication Arts 100. **Three hours per week.**

316. ARGUMENTATION AND DEBATE
3 hours credit
The course in Argumentation and Debate is a study of the basic principles of argumentation, rational decision-making and advocacy. Concepts include logical reasoning, analysis and critical thinking. Practice in the presentation and application of these principles. Previous number CMAT 320. **Prerequisite:** Communication Arts 100. **Three hours per week.**

321. ADVANCED STAGECRAFT **3 hours credit**
Advanced study of technical production, the organization, drafting and construction of scenery: cover period styles, scene painting, sculptured scenery and period details. **Prerequisite:** Communication Arts 115 and 220 or written consent of instructor. Previous number CMAT 307. **Two hours lecture and two one-hour lab periods per week.**

322. ARTS ADMINISTRATION **3 hours credit**
Principles and practices of administration in the fine and performing arts. Study of programming and budget, public relations, research techniques of audience development, fund raising, and case studies of arts organizations. **Prerequisite:** Consent of faculty representative. **Three hours per week.**

323. COSTUME DESIGN **3 hours credit**
Emphasis will focus on the concept of costume design as it relates to character analysis. The student translates the interpretation of character(s) into functional costume renderings. Professionally oriented; for those interested in producing high school or community theatre. Previous number CMAT 303. **Prequisite:** Communication Arts 115 and 220 or written consent of instructor. **Three hours per week.**

324. DIRECTING **3 hours credit**
A study of the theory and basic principles, skills, and techniques underlying direction. Student directed theatre production required. **Prerequisite:** Consent of instructor. Previous number CMAT 304. **Three hours per week.**

325. ADVANCED ORAL INTERPRETATION
3 hours credit
Application of the principles of oral interpretation to the study of the various types of literature: prose, poetry, and the drama. **Prerequisite:** Communication Arts 225 or consent of instructor. **Three hours per week.**

326. ACTORS' WORKSHOP 3 hours credit
To provide experience training for intermediate and advanced acting to students through the exploration of improvisational techniques, character analysis, scene work and exercises in acting style. **Prerequisite:** Comm. Arts 215

327. READERS' THEATRE 3 hours credit
This course will cover the philosophy and uses of Readers Theatre. Emphasis will be placed upon the analysis, adaptation, and staging of non-dramatic literature within the context of this art form. A lecture/workshop format will be employed. **Prerequisite:** Communication Arts 225 or consent of instructor. **Three hours per week.**

328. SCENE DESIGN 3 hours credit
The perception and execution of scenic designs through intellectual analysis of selected scripts. The student will complete several projects in creative designs. Professionally oriented; for those interested in producing high school or community theatre. Previous number CMAT 302. **Prerequisite:** Communication Arts 115 and 220 or written consent of instructor. **Three hours per week.**

329. STAGE LIGHTING 3 hours credit
Design and technology of theatre lighting. Demonstration of creativity through assigned projects. Previous number CMAT 301. **Prerequisite:** Communication Arts 115 and 220 or written consent of instructor. **Two hours lecture and two hours lab. per week.**

330. BROADCAST JOURNALISM 3 hours credit
Principles, forms and techniques of broadcast journalism. Practicum in broadcast news writing, editing, processing and delivery. **Prerequisite:** CMAT 137 or consent of department. **Three hours per week.**

335. THE ELEMENTS OF FILM MAKING 3 hours credit
As a member of the production team, the student participates in the making of a story film, practicing the principles of pictorial continuity: the shot, the sequence, editing, acting, and directing. Previous number CMAT 300. **Prerequisite:** Consent of the instructor; 500 feet of super-8MM film to be supplied by the student. **Three hours perew ek.**

338. ISSUES IN BROADCAST MANAGEMENT 3 hours credit
The student will confront some of the problems faced by contemporary broadcast managers and seek to determine viable solutions. Economics, personnel relations, programming, organization, production, advertising and business, community relations and F.C.C. Rules and Regulations are among the areas of study. **Prerequisite:** Communication Arts 230 or consent of instructor. **Three hours per week.**

339. INTERNSHIP IN MASS MEDIA 3-6 hours credit
The internship is intended to provide the student interested in a career in mass media with an opportunity to gain practical experience in either a commercial or public service mass media facility. May be taken for total of 6 hours credit; only 3 hours may be counted towards upper level major requirements. Previous number CMAT 360. **Prerequisite:** Written permission of instructor.

341. FEATURE WRITING 3 hours credit
Principles of research, organization, and style for newspaper feature articles. Writing articles for possible submission to selected journals and newspapers. Not open to students who have completed English 311. **Prerequisite:** CMAT 246 or consent of instructor. **Three hours per week.**

351. PHONETICS 3 hours credit
Mechanics of speech production; composition of English sounds; international phonetic alphabet. Application of phonetics to language studies and problems of special and elementary education, speech, speech pathology. Previous number CMAT 340. **Three hours per week.**

390. STUDIES IN COMMUNICATION 3 hours credit
A study in speech education, mass media, theatre, oral interpretation, speech pathologies, or rhetoric and public address. May be repeated under different subtitles recorded with the registrar. Previous number CMAT 350. **Three hours per week.**

400. COMMUNICATION AND CULTURE 3 hours credit
Philosophy and theories of human communication: structures, relations and interactions among forms of communication within their cultural settings. **Three hours lecture. Prerequisite:** Junior standing.

405. FAMILY COMMUNICATION 3 hours credit
Characterization of family styles of communication as they reflect values, attitudes, and perceptions of family members as a group. Examination of effects of individual communication strategies on development of family patterns of interaction. Selected readings, field research, two exams. **Prerequisites:** CMAT 205 and sophomore standing.

422. INTERNSHIP IN ARTS ADMINISTRATION 6-12 hours credit
This course enables students to learn about arts administration as interns in arts organizations at the national, regional or local level; Art Galleries of Museums, Arts Councils, Dance Companies, Performing Arts Centers of Theatres. Work in selected areas: programming, budget, fund raising, audience development and accounting. **Pass/Fail only.** Only one of Art 422, CMAT 422, MUSC 422, or PHEC 422 may be taken for credit. **Prerequisite:** Arts Administration 322 plus consent of faculty representative in Art, Dance, Music or Theatre. **20 to 40 hours per week.**

442. HIGH SCHOOL AND COLLEGE JOURNALISM 3 hours credit
Journalism for advisors to newspapers and yearbooks. Principles of news writing, editing, advertising, copywriting, and layout. Not open to students who have completed English 402. **Prerequisite:** CMAT 246 or consent of instructor. **Three hours per week.**

443. PUBLIC RELATIONS 3 hours credit
Principles and techniques of professional public relations practice. Publicity writing, speeches, graphics, audio-visual media, public relations research, and program planning. Not open to students who have completed English 403. **Prerequisite:** CMAT 246 or consent of instructor. **Three hours per week.**

450. SPEECH CORRECTION AND THE CLASSROOM TEACHER 3 hours credit
A study of childhood speech and hearing disorders and methods for the classroom teacher in effectively dealing with student referral, the promotion of good speech habits, and therapeutic reinforcement. Previous number CMAT 410. **Three hours per week.**

452. DEVELOPMENTAL DISABILITIES IN SPEECH AND LANGUAGE ACQUISITION 3 hours credit
A study of speech and language development and perceptual disorders which affect language comprehension and use. Communication problems resulting from the delay, breakdown, or misuse of language function will be considered. Previous number CMAT 412. **Three hours per week.**

453. CREATIVE DRAMATICS 3 hours credit
Emphasis is centered upon the manner in which creative dramatics assists in the growth of the child. The course considers creative dramatics as a motivating factor in the teaching and learning process. Previous number CMAT 403. **Three hours per week.**

456. TECHNIQUES OF CHILDREN'S THEATRE 3 hours credit
Designed to assist the elementary school teacher in developing the imagination of children through the medium of theatre. Emphasis is upon staging children's theatre within the framework of the public school. Previous number CMAT 406. **Three hours per week.**

490. SPECIAL TOPICS IN COMMUNICATION 1-3 hours credit
Intensive study of a selected topic in speech, communication studies or theatre. May be repeated under different subtitles recorded with the registrar. Previous number CMAT 430.

492. INDEPENDENT STUDY 1-3 hours credit
Student must choose a topic for investigation with the advice of an instructor prior to registration. Variable credit; may be taken twice. Previous number CMAT 420. **Hours arranged.**

499. HONORS 3 hours credit
Independent study undertaken for departmental honors at the invitation of the department.

Computer Science

(Dept. No. 0701)

Associate Professor Collins (Chairman); Assistant Professors Anderson, Defino, Malone, Otto; Instructors C. Horseman, T. Horseman.

110. SURVEY OF DATA PROCESSING 3 hours credit
A survey of the uses, terminology and hardware of computers. Intended to give the student a broad view of data processing. Does not satisfy General Education requirements. **Three hours per week.**

120. COMPUTER PROGRAMMING I 4 hours credit
A step-by-step approach to problem solving and programming. This is the basic course for students who are interested in any aspect of computing. **Four hours per week.**

210. FILE PROCESSING 4 hours credit
Introduction to solution of business-oriented data processing problems using COBOL. Emphasis is on proper structured programming, formal documentation procedures and sequential file processing. **Prerequisite:** Ability to design and write clear structured programs ("C" or better in COSC 120). **Four hours per week.**

220. COMPUTER PROGRAMMING II 4 hours credit
Continuation of the development of a disciplined approach to programming, especially for large projects. **Prerequisite:** COSC 120. **Four hours per week.** May not be taken for credit if the student already has credit for COSC 385.

250. MICROCOMPUTER ORGANIZATION 3 hours credit
The organization and internal behavior of a typical microcomputer. **Prerequisite:** The ability to design and write clear programs (COSC 120). **Three hours per week.**

285. SCIENTIFIC COMPUTING I 3 hours credit
This course is an introduction to the science-oriented language FORTRAN and to the use of computers to solve problems in science, math and engineering. **Prerequisites:** COSC 120 and MATH 201. **Three hours per week.**

290. INTERNSHIP 3 hours credit
A work-study course. The student will work under a supervisor in a local firm or public institution in conjunction with an advisor from the department. This internship will usually require a background in microcomputers or COBOL. May be taken twice. **Prerequisite:** Approval of the chairman. Offered on a Pass/Fail basis only.

310. ADVANCED FILE PROCESSING 4 hours credit
An advanced COBOL course which includes file manipulation techniques for SAM, indexed and relative files. A study of list, tree and network structures is incorporated, as well as sorting, searching and subroutines. **Prerequisite:** Introductory course in structured COBOL ("C" or better in COSC 210. **Four hours per week.**

315. INFORMATION SYSTEMS ANALYSIS AND DESIGN **3 hours credit**
Analysis of the methods and techniques for conducting a systems project, the goal of which is to computerize some business function. **Prerequisite:** A knowledge of accounting (BUAD 202). **Corequisite:** Familiarity with file-design concepts (COSC 310). **Three hours per week.**

316. INFORMATION SYSTEMS DEVELOPMENT AND IMPLEMENTATION **3 hours credit**
The technical design, implementation and evaluation of computerized systems. A typical system, such as inventory control, will be programmed in detail. **Prerequisite:** COSC 315. **Three hours per week.**

350. SOFTWARE SYSTEMS I **3 hours credit**
The architecture, assembly language and software of a typical large computer. **Prerequisite:** COSC 220 and knowledge of the internal behavior of computers (COSC 250). **Three hours per week.**

390. UNDERGRADUATE RESEARCH PROJECT **1-3 hours credit**
A course designed to give the student an opportunity to study some area of Computer Science in more depth than is possible in the usual classroom setting. The student will work on a project under the direction of a faculty member. **Prerequisite:** Department approval. P/F.

410. DATA BASE MANAGEMENT SYSTEMS **3 hours credit**
Study of the design, implementation, and application of Data Base Management Systems. Several commercially-available systems will be examined. **Prerequisite:** COSC 310. **Three hours per week.**

415. DATA COMMUNICATION SYSTEMS **3 hours credit**
The concepts and characteristics of data communication systems, including distributive networks, concentrators and multiplexors, remote terminals, modems and processors. Examination of control hardware and software systems. **Prerequisite:** COSC 315.

420. DATA STRUCTURES AND ALGORITHM ANALYSIS **3 hours credit**
The application of analysis and design techniques to nonnumeric algorithms which act on data structures. **Prerequisites:** COSC 220; Math 210. **Three hours per week.**

422. ORGANIZATION OF PROGRAMMING LANGUAGES **3 hours credit**
The organization of programming languages, with emphasis on their formal specification and on the runtime behavior of programs. **Prerequisite:** COSC 350. **Three hours per week.**

425. SOFTWARE ENGINEERING **3 hours credit**
A study of the software life cycle, with emphasis on software system methodologies. **Prerequisite:** COSC 420. **Three hours per week.**

450. SOFTWARE SYSTEMS II: OPERATING SYSTEMS **3 hours credit**
Analysis of the operating system, the program which supervises the activity of the computer. Resource allocation will be emphasized. **Prerequisite:** COSC 350. **Three hours per week.**

455. MICROCOMPUTER INTERFACING: SOFTWARE ORIENTATION **3 hours credit**
Microcomputer applications in instrumentation, datalogging and process control. **Prerequisite:** Familiarity with a microcomputer at the machine level (COSC 250). **Two hours lecture and two hours lab per week.**

482. COMPUTER GRAPHICS **3 hours credit**
The focus of this course is on generating and manipulating graphic information using the computer. Emphasis is on the analysis of the fundamental problems associated with these activities and on the structured design of the solution. **Prerequisites:** COSC 120; Math 306 or both Math 110 and Math 121. **Three hours per week.**

490. SPECIAL TOPICS **3 hours credit**
This course is designed for the student who wishes to study in certain specialized areas such as artificial intelligence, compiler construction, recursive function theory, or other topics suggested by faculty or students. This course may be taken twice, under different titles recorded by the registrar. **Prerequisites:** (For most topics) COSC 350. **Three hours per week.**

Data Processing

(see Computer Sciences page 119)

Economics

(Dept. No. 2204)

Associate Professors Lee (Coordinator); Assistant Professors Abdalla, Greene, Winder.

201. MACRO-ECONOMIC PRINCIPLES **3 hours credit**
An introduction to the state of the economy. Explore the forces behind consumer purchases, capital spending by businesses, and the balance of payments, and their relationship to issues of unemployment, inflation, and the value of the dollar abroad. Examine the effect of government spending, taxation and money supply policies on the economy's performance. **Prerequisite:** Not open to freshmen. **Three hours per week.**

202. MICRO-ECONOMIC PRINCIPLES **3 hours credit**
An introduction to the behavior of the individual business enterprise and the factors which shape its competitive environment. The strengths and weaknesses of the private enterprise system are examined through such issues as farm policy, polution, antitrust policies, and tariffs and quotas on imports. **Prerequisite:** Not open to freshmen. **Three hours per week.**

300. ECONOMIC HISTORY OF THE UNITED STATES **3 hours credit**
A study of the major developments in the American economy from the founding of colonies to the present day, with emphasis on the economic factors contributing to American industrial growth. **Three hours per week.**

305. INTERMEDIATE MACRO-THEORY **3 hours credit**
A study of the theory of economic aggregates through the use of national income accounts to determine the effect of certain key variables on employment and production. Key variables to be studied include savings and investment, the quantity of money, the velocity of money, the rate of interest and consumption. **Prerequisites:** Economics 201, 202. **Three hours per week.**

306. INTERMEDIATE MICRO-THEORY **3 hours credit**
A study of supply and demand relationships under the various market classifications. Major topics covered include the market forms, the principles of production, costs of production, resource allocation and income distribution with some discussion of welfare economics. **Prerequisites:** Economics 201, 202. **Three hours per week.**

307. MANAGERIAL ECONOMICS **3 hours credit**
Empirical and theoretical analysis of factors affecting behavior of business costs and revenues. Application of economic principles to production and pricing decisions of the firm. Examination of methods of business forecasting. **Prerequisites:** Economics 201, 202; BUAD 281. **Three hours per week.**

317. URBAN ECONOMICS **3 hours credit**
The application of economics to the urban environment with emphasis on city finance, urban transportation, distribution, land use, and the urban economic base. **Prerequisites:** Economics 201, 202. **Three hours per week.**

331. MONEY AND BANKING **3 hours credit**
A study of financial institutions, economic aspects of commercial banking, monetary economics, and banking and fiscal policy. **Prerequisites:** Economics 201, 202. **Three hours per week.**

336. PUBLIC FINANCE **3 hours credit**
A study of the principles, techniques and effects of obtaining and spending funds by governments, and the management of governmental debt. Taxes and expenditures of all levels of government in the United States are considered. **Prerequisite:** Economics 201, 202. **Three hours per week.**

338. SPECIAL TOPICS IN ECONOMICS **3 hours credit**
This course provides an in-depth study of an economic issue not covered in other Economics courses. Topics will vary and students may repeat this course under a different topic. **Prerequisites:** Economics 201, 202. **Three hours per week.**

340. ECONOMICS OF SOCIAL ISSUES **3 hours credit**
Study of selected current economic issues (with concentration on issues not covered in other courses such as Money and Banking, Public Finance, etc.) such as the economics of pollution, crime, poverty, transportation, women's lib, education, inflation, etc. **Prerequisite:** Economics 201 or 202. **Three hours per week.**

381. LABOR ECONOMICS **3 hours credit**
Background and development of the labor movement, including current practices in industrial relations collective bargaining, government and labor relations. **Prerequisites:** Economics 201, 202. **Three hours per week.**

401. HISTORY OF ECONOMIC THOUGHT **3 hours credit**
A survey of important trends in economic ideas, showing their relation to basic economic issues. Readings from selected economists. **Prerequisites:** Economics 201, 202. **Three hours per week.**

402. COMPARATIVE ECONOMIC SYSTEMS **3 hours credit**
A comparative study of contemporary economic systems in capitalist, socialist and communist societies. **Prerequisites:** Economics 201, 202. **Three hours per week.**

411. ECONOMIC DEVELOPMENT **3 hours credit**
A study of the theory of economic development and its application to the underdeveloped regions and countries of the world. Emphasis is placed on the technological, locational and financial aspects of economic growth. **Prerequisites:** Economics 201, 202. **Three hours per week.**

441. INTERNATIONAL ECONOMICS **3 hours credit**
A study of the basic economic concepts and theories for international business, international trade and finance, commercial policy, and foreign investment and multinational firms. **Prerequisites:** Economics 201, 202. **Three hours per week.**

451. THE AMERICAN ECONOMY **3 hours credit**
Analysis of the American economic structure with emphasis on factors affecting its growth and stability. (Not open to students with credit in Economics 201 or its equivalent.) **Three hours per week.**

452. PROBLEMS IN AMERICAN ECONOMIC LIFE **3 hours credit**
A workshop emphasizing practical economic issues to assist the average citizen in understanding and dealing with common problems of an economic nature, showing working relationships between citizen, consumer and institutions in American economic life. **Three hours per week.**

492. SENIOR SEMINAR IN CONTEMPORARY ECONOMIC PROBLEMS 3 hours credit

A research seminar for economics majors where the student will spend the semester researching a problem of his own choosing and present a seminar paper. The seminar will concern itself with major problems facing the American and world economy. **Prerequisite:** Economics major or consent of instructor. **Three hours per week.**

494. INDEPENDENT STUDY 1-3 hours credit

Supervised study in an area of interest to the advanced student. This course may be taken twice under different course topics, recorded with the registrar. **Prerequisite:** Junior or senior standing in economics or business administration, or consent of the instructor.

Education

(Dept. No. 0801)

Professors Bozman (Chairman), Garigliano, Masucci, Wulff; Associate Professors Bing, Rossi, Townsend, Wilby, Wolinski; Assistant Professors Anderson, Bowden, Long, Pritchard.

300. DEVELOPMENT AND LEARNING 3 hours credit

Physical, intellectual, emotional, and social development of children (age 3-18) are considered. Required field observations of these characteristics will be reported in observational papers. Attention is also given to motivation and learning. **Prerequisite:** Psychology 210. **Three hours per week.**

301. ROLES OF THE TEACHER 3 hours credit

A study of various functions and classroom structures appropriate to teaching in the elementary and secondary school through a series of field-based experiences allowing students to explore various roles and functions of a teacher. Pass/Fail basis only. **Three hours per week.**

302. FIELD EXPERIENCES IN SPECIAL EDUCATION 3 hours credit

The course consists of structured field experiences in which a student can learn about special education services. Settings for these experiences will include the "mainstream," resource rooms, self-contained programs, and residential facilities. Participation in the course should help the student make decisions about a career in special education. **Prerequisite:** Psychology 210. **Three hours per week.**

303. INTRODUCTION TO CLASSROOM MANAGEMENT 3 hours credit

This course is designed to develop practical skills in managing client behavior, both in and out of the classroom. Major models covered are behavior modification, reality therapy and teacher effectiveness training, as well as extensive emphasis on creating a well-managed classroom. **Prerequisite:** Education 300 or consent of instructor. **Three hours per week.**

304. PRINCIPLES OF INSTRUCTION — K-12 3 hours credit

For physical education, art, music majors prior to student teaching in elementary and secondary schools. Students become acquainted with the objectives and curriculum of K-12. They investigate a variety of teaching strategies emphasizing assessment of teaching competencies through observations and "bit teachings" prior to student teaching. **Three hours per week.**

305. THE SCHOOL IN SOCIETY 3 hours credit

An historical, sociological and philosophical approach to the role of the school in society. Consideration is given to the entire K-12 program including special emphasis on organization and administration in Maryland. A minimum of 20 hours of field-based experiences is required. **Three hours per week.**

306. PRINCIPLES OF SECONDARY EDUCATION 3 hours credit

The basic principles of teaching in the secondary school. The course deals with the objectives and curriculum of the secondary school, with the focus on such topics as planning, organizing content, developing methods and procedures for teaching, establishing classroom management procedures and grading, evaluating and reporting practices. Field experiences emphasizing observations and "bit teaching" prior to student teaching are included. **Three hours per week.**

308. AUDIO-VISUAL EQUIPMENT OPERATION 1 hour credit

A self-instructional, self-pacing course designed to foster competency in the operation of selected AV equipment. Recommended participation is one 50-minute lab session each week. Participants may, however, proceed at own rate of speed.

310. ELEMENTARY SCHOOL COMMUNICATION ARTS METHODS 3 hours credit

An introduction to the processes of communication (speaking, writing, listening, and reading) which incorporates theory and modern research along with specific methods which can be used to promote growth in these areas by elementary school children. **Three hours per week.**

311. ELEMENTARY SCHOOL MATHEMATICS METHODS 3 hours credit

The selection, organization and method of use of appropriate mathematics curricula for the various grade levels in achieving the aim of the elementary school. Manipulation of current school mathematics materials is stressed. School visits will be arranged. **Three hours per week.**

312. ELEMENTARY SCHOOL SCIENCE METHODS 3 hours credit

The selection, organization and method of use of appropriate science materials for the elementary school. An exploration of existing science curricula and the teaching methods required to effectively implement them. Principles of child development, psychology and the goals of science education will be utilized to relate science curricula and methods to children in the overall elementary program. **Three hours per week.**

313. TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL 3 hours credit

Selection, organization, presentation, and evaluation of social studies material in the elementary school. Consideration of recent theory and method in improving teaching of the social studies. **Three hours per week.**

316. ELEMENTARY SCHOOL READING METHODS 3 hours credit

An introduction to the teaching of reading in the elementary school, designed for undergraduates in elementary education. Through lectures, demonstrations, audio and visual tapes, films, and field experiences — students are involved in the following content: reading readiness programs, initial reading instruction, analyzing various reading programs, word recognition skills, vocabulary improvement, comprehension development, planning reading lessons, informal diagnosis, and the development of study skills. **Three hours per week.**

331. PHYSICAL EDUCATION IN THE SECONDARY SCHOOL 3 hours credit

Analysis of the secondary school program in physical education, with emphasis on curriculum planning, use of space, facilities and equipment, class management, and lesson planning. **Three hours per week.**

332. METHODS AND MATERIALS FOR SECONDARY SCHOOL ART 3 hours credit

To prepare art students for the teaching and administration of art programs on the secondary level and for careers as art education consultants and supervisors. **Prerequisite:** Acceptance in the Art Education Professional Program. **Four hours per week.** *(Spring semester only.)*

333. ENGLISH IN THE SECONDARY SCHOOL 3 hours credit

A study of materials and methods for teaching language arts in the high school. Various models and strategies in teaching language arts — language, literature and media at this level are demonstrated and analyzed. **Three hours per week.** *(Fall semester only.)*

334. SOCIAL STUDIES IN THE SECONDARY SCHOOL 3 hours credit

Analysis of the secondary school program in social studies; emphasis on methods of teaching history, geography, and citizenship. Current curriculum trends are considered. **Three hours per week.** *(Fall semester only.)*

335. MATHEMATICS IN THE SECONDARY SCHOOL 3 hours credit

Analysis of the secondary school program in mathematics; emphasis on methods of teaching mathematical concepts and understandings. Organization of teaching units, observation and evaluation of teaching in particular situations. **Three hours per week.** *(Fall semester only.)*

336. SCIENCE TEACHING IN THE SECONDARY SCHOOL 3 hours credit

An analysis of secondary school science teaching methods, materials and existing programs. Curricula and materials for the middle school and senior high school levels are investigated by the student in biology, chemistry, earth science, general science, physical science, and physics. **Three hours per week.** *(Fall semester only.)*

337. FOREIGN LANGUAGE IN THE SECONDARY SCHOOL 3 hours credit

An understanding of the philosophy, aims and methods of teaching foreign language in the secondary school with emphasis upon the techniques and materials in current use. **Three hours per week.** *(Fall semester only.)*

338. SPEECH IN THE SECONDARY SCHOOL 3 hours credit

A study of the aims and methods of teaching speech in the secondary school. Consideration of textbooks and materials, as well as the organization of and participation in extra-curricular activities in speech. **Three hours per week.** *(Fall semester only.)*

375. METHODS AND MATERIALS FOR ELEMENTARY SCHOOL ART 3 hours credit

Practice in using construction skills for developing creative art projects for elementary education (K-6). Lesson plans, various tools and materials are used to develop basic skills in art expression. For elementary art education specialists only. Students must furnish some of their own materials. **Prerequisite:** Acceptance in the Art Education Professional Program. **Four hours per week.**

401, 402. DIRECTED TEACHING IN ELEMENTARY SCHOOL 6 hours credit

Students are placed in directed teaching centers in nearby public elementary schools. They observe teaching, participate in work with children, teach, and participate in activities for which regularly employed teachers are responsible. Pass/Fail basis only.

403, 404. DIRECTED TEACHING IN PHYSICAL EDUCATION 6 hours credit each

Directed student teaching experience in nearby public schools under the direction of the public school teacher and with supervision from the college staff. Half semester in elementary physical education teaching and half semester in secondary teaching to qualify for certification in all twelve grades. Pass/Fail basis only.

405. THE LAW AND PUBLIC EDUCATION 3 hours credit

A study of school law which affects the teacher and the public school. The nature and scope of school law are considered as generally applied to the purposes and functions of the school system. **Three hours per week.**

407. APPLIED AUDIO-VISUAL METHODS IN TEACHING **3 hours credit**

The identification and critique of concepts, principles and issues on the application of educational media to the curriculum. Special emphasis on methods of applying media to the teaching process. **Three hours per week.**

408. CHILDREN'S LITERATURE **3 hours credit**

A study of the works of important writers and artists in each of the major types of children's books (fairy tales, picture books, realistic fiction, fantasies, biographies, etc.). Historical trends and methods of incorporating children's literature into the elementary program are included. **Three hours per week.**

409. LITERATURE FOR ADOLESCENTS **3 hours credit**

A study of literature written specifically for and about the contemporary adolescent with emphasis on methods of teaching aspects of it to build adolescent appreciation for the more established literary selections found in secondary school curriculum. **Prerequisite:** At least three courses in literature beyond English 102 are recommended or permission of the instructor. **Three hours per week.**

411. INSTRUCTIONAL ANALYSIS IN THE ELEMENTARY SCHOOL **3 hours credit**

Seminar approach to current practices and trends in teaching. Involves interaction analysis, evaluative techniques, instructional planning and role playing. (Scheduled during the student teaching semester.) Pass/Fail basis only.

412. CURRICULUM AND METHODS IN ELEMENTARY SCHOOL PHYSICAL EDUCATION **3 hours credit**

Principles of curriculum construction, selection and organization of materials. Lesson planning and teaching methods. Survey of current trends. **Prerequisite:** Admission to Professional Education Program. **Three hours per week.**

414. PRODUCING GRAPHIC MATERIALS IN EDUCATION **3 hours credit**

Emphasis on increasing student competencies in the production of posters, charts, graphs, bulletin boards, etc. **Three hours per week.**

415. USING PHOTOGRAPHY IN EDUCATION **3 hours credit**

Emphasis on increasing student competencies in the production of photographic instructional materials. **Three hours per week.**

416. FILM MAKING IN EDUCATIONAL SETTINGS **3 hours credit**

This course is designed to foster film making skills in school situations. Students work in teams in planning and producing super 8mm films. Emphasis given to animation, life-action, and montage techniques. **Three hours per week.**

417. TEACHING LANGUAGE ARTS IN THE ELEMENTARY SCHOOL **3 hours credit**

Developing and demonstrating practical methods of teaching language skills in the elementary school. Emphasis is on creative, inductive, modern techniques. **Three hours per week.**

418. TEACHING MATHEMATICS IN THE ELEMENTARY SCHOOL **3 hours credit**

Selection, organization, presentation and evaluation of mathematics materials in the elementary school classroom. Emphasis on recent research in teaching and adapting programs of the new mathematics. **Three hours per week.**

419. TEACHING MUSIC IN THE ELEMENTARY SCHOOL **3 hours credit**

Techniques for teaching music in the elementary school; study of the child voice; appropriate singing, listening, rhythmic, instrumental and creative activities; remedial work for poor singers, activities for musically talented children; comprehensive overview of music materials and their application to the elementary school curriculum. **Prerequisites:** Music 200, Fundamentals (or equivalent, or approval of instructor). **Three hours per week.**

420. FOUNDATIONS OF READING (Elementary Education) **3 hours credit**

Deals with pre-reading skills, beginning reading, informal assessment, analysis of reading programs, grouping procedures, word attack skills, and development of vocabulary and comprehensive abilities. Intended for personnel in elementary education. **Three hours per week.**

422. FOUNDATIONS OF READING (Secondary Education) **3 hours credit**

Development and evaluation of effective reading skills and habits, especially in the subject content fields, and consideration of problems of content, organization, readability, and method in teaching reading at higher levels. **Three hours per week.**

423, 433. DIRECTED TEACHING IN SECONDARY SCHOOL ART **6 hours credit each**

Students are placed in directed teaching centers in nearby middle or secondary schools for a full semester. They observe teaching, participate in work with students, teach and participate in activities for which regularly employed teachers are responsible. Pass/Fail basis only. **Prerequisite:** Acceptance in the Art Education Professional Program, plus art methods and 3 additional hours in art.

424, 434. DIRECTED TEACHING IN ELEMENTARY SCHOOL ART **6 hours credit each**

Students are placed in directed teaching centers in nearby elementary schools for a full semester. They observe teaching, participate in work with students, teach and participate in activities for which regularly employed teachers are responsible. Pass/Fail basis only. **Prerequisites:** Acceptance in the Art Education Professional Program, plus art methods and 3 additional hours in art.

425. TEACHING READING COMPREHENSION: RESEARCH FINDINGS AND STRATEGIES FOR INSTRUCTION **3 hours credit**

This course, an elective in reading education, investigates contemporary research relating to the development of reading comprehension, procedures for assessing reading comprehension competencies, and teaching strategies to improve comprehension. Designed for elementary, middle school, reading, and resource teachers. **Prerequisite:** Either EDUC 316, 420 422, or a foundations of reading course. **Three hours per week.**

426, 428. DIRECTED TEACHING IN THE SECONDARY SCHOOLS **6 hours credit each**

Students are assigned to cooperating teachers in two secondary schools, a half-semester in each setting. The cooperating teachers and college supervisors guide the students in observing, working with pupils, teaching and participating in all activities for which regular teachers are responsible. Pass/Fail basis only. **Prerequisites:** Competency tests, admission to Professional Program, Ed. 300, 305, 306, 308 and special methods — 426 must be taken prior to 428; a grade of N.R. will be assigned to those who satisfactorily complete that course until successful completion of 428.

427. CLASSROOM ANALYSIS AND CORRECTION OF READING DIFFICULTIES **3 hours credit**

Content deals with the causes of reading disabilities, prevention of reading failure, strategies for the collection and analysis of reading behavior, and instructional programs for correction. This course is intended for pre-service and in-service teachers interested in reading disabilities, but not interested in pursuing a specialization in reading education. **Prerequisite:** Education 316 or 420 or 422 or a foundations course in reading instruction. **Three hours per week.**

429. TEACHING MUSIC IN THE SECONDARY SCHOOL **3 hours credit**

Methods and materials of music teaching in grades 7-12. The areas of emphasis are vocal, instrumental, and general music. **Prerequisite:** Music 200. **Three hours per week.**

430. DIRECTED TEACHING IN MUSIC IN ELEMENTARY SCHOOL **6 hours credit**

Student teaching experience in all aspects of the elementary school music curriculum at several grade levels under the direction of a public school music teacher, with supervision from the college staff. Includes observation and participation in the classroom as well as actual teaching and other activities and duties normally performed. Pass/Fail basis only. **Prerequisites:** Completion of courses in the music concentration through the third year, Education 419 and 429, and written approval of the Music Department.

431. DIRECTED TEACHING IN MUSIC IN THE SECONDARY SCHOOL **6 hours credit**

Student teaching experience in all aspects of the secondary school music curriculum including the areas of choral, instrumental and general music. Observation, participation, teaching and other activities and duties normally performed by professional teachers done under the direction of public school music teacher(s), with supervision from the college staff. Pass/Fail basis only. **Prerequisites:** Completion of courses in the music concentration through the third year, Education 419 and 429, and written approval of the Music Department.

435. GUIDANCE **3 hours credit**

A basic course in the principles of guidance and related pupil-personnel services, including the meaning and purpose of guidance and common adjustment problems. **Three hours per week.**

436. VOCATIONS: DEVELOPMENT AND APPRAISAL **3 hours credit**

Surveys vocational choice with emphasis on developmental theory. Occupational information and the appraisal of vocational interests are emphasized. **Three hours per week.**

437. MATERIALS AND METHODS IN CAREER EDUCATION **3 hours credit**

Rationale for and methods of career education in elementary and secondary schools. Emphasis is given to the identification of psychological and philosophical bases, identification of researchable problems, implications and implementation of careers curricula. **Three hours per week.**

438. PRODUCING SLIDE-TAPE PROGRAMS IN EDUCATIONAL SETTINGS **3 hours credit**

This course is designed to foster slide-tape production skills in school situations. Students work individually in planning and producing slide-tape shows. Emphasis given to single and multi-image techniques. **Three hours per week.**

439. SINGLE-CAMERA VIDEO-TAPING IN EDUCATIONAL SETTINGS **3 hours credit**

This course is designed to foster TV/VTR production skills in school situations. Students work in teams in planning and producing video-tapes. Emphasis given to portable single camera equipment. **Three hours per week.**

446. INTRODUCTION TO EARLY CHILDHOOD EDUCATION **3 hours credit**

An introduction to curriculum and methods in early childhood education, including theories, practices, techniques and materials. **Prerequisite:** Admission to Professional Education Program, or 60 semester hours of college credit with teaching experience. **Three hours per week.**

447. EXPERIENCES AND MATERIALS FOR EARLY CHILDHOOD **3 hours credit**

Experiences for development of young children through use of materials and appropriate activities. **Prerequisite:** Education 446 or consent of instructor. **Three hours per week.**

449. MULTI-CAMERA VIDEO-TAPING IN EDUCATIONAL SETTINGS **3 hours credit**

An introduction to the fundamentals of video-taping in a multi-camera environment. 'Hands-on' experience in planning and producing video-tapes in educational settings. **Three hours per week.**

450. SOCIAL STUDIES IN EARLY CHILDHOOD EDUCATION **3 hours credit**

Exploration, use of and evaluatien of materials, methods and activities in social studies for young children. **Prerequisite:** Education 446 or consent of instructor. **Three hours per week.**

451. MATHEMATICS IN EARLY CHILDHOOD EDUCATION 3 hours credit
Exploration, use of and evaluation of materials, methods, and activities in mathematics for young children. **Prerequisite:** Education 446 or consent of instructor. **Three hours per week.**

452. SCIENCE IN EARLY CHILDHOOD EDUCATION 3 hours credit
A study of the methods and materials used in teaching science at the early childhood level. Experiences are provided in motivation, procedure and evaluation of science lessons. **Prerequisite:** Education 446 or consent of instructor. **Three hours per week.**

453. COMMUNICATION ARTS IN EARLY CHILDHOOD EDUCATION 3 hours credit
Using a developmental approach, stressing enrichment in free and directed play, talking and listening skills and experimental learning, language acquisition of normal and disadvantaged children emphasized. **Prerequisite:** Education 446 or consent of instructor. **Three hours per week.**

454. COMPOSITION: CURRICULUM AND METHODS 3 hours credit
An investigation of (1) selected public school composition curricula, and (2) a number of methodologies for teaching composition. Participants evaluate curricula and methodologies on criteria developed from (1) current literature on the writing process, and (2) Continuing Education department association with public schools. **Prerequisite:** At least one course in composition beyond 101.

460. METHODS AND CURRICULUM FOR TEACHING THE MENTALLY RETARDED 3 hours credit
A survey of problems related to the development of teaching methods and curriculum for the retarded including current program adaptations and special methods. **Prerequisite:** Admission to Professional Education Program or consent of department chairman, or in-service teacher. **Three hours per week.**

461. SEMINAR: TEACHING THE MENTALLY RETARDED 3 hours credit
Individual research on problems of teaching the mentally retarded with discussion of techniques and approaches for meeting these problems is the focus of the course. **Prerequisite:** Consent of department chairman. **Three hours per week.**

464. TEACHING MATHEMATICS TO THE MENTALLY RETARDED 3 hours credit
A study of the methods and materials used in teaching mathematics to the mentally retarded with a stress on adaptations of current curriculum materials. **Prerequisite:** Education 311. **Three hours per week.**

465. PRACTICUM IN SPECIAL EDUCATION 7 hours credit
Students are placed in public schools, residential centers and other special education agencies. Under supervision, students learn to provide the services for which regularly employed staff members are responsible. **Prerequisite:** Completion of Elementary or Secondary Student Teaching, plus 18 credit hours in Special Education. **Seven hours per week.**

467. EDUCATING THE MILDLY HANDICAPPED CHILD IN THE REGULAR CLASSROOM 3 hours credit
This course designed to acquaint classroom teachers with instructional approaches for the mildly handicapped learner. Major topics of the course include mainstreaming, IEP's, adapting instructional approaches, behavior management, stressing early childhood, elementary and secondary levels. Intended for the regular classroom teacher and not for certification in Special Education. **Degree credit allowed for either Education 467 or Education 480, but not for both. Prerequisites:** Education 300 or equivalent. **Three hours per week.**

470. READINGS IN EDUCATION 3 hours credit
Selected readings designed to provide in-depth study of an educational topic approved by the advisor. **Prerequisites:** Senior status and permission of the department chairman.

471. COMPUTERS IN EDUCATION 3 hours credit
An overview of the role of computers in education. An examination of computer applications as they relate to specific teaching/ learning operations and educational functions. **Prerequisite:** A teaching methods course or consent of instructor. **Three hours per week.**

475. METHODS AND MATERIALS IN ENVIRONMENTAL EDUCATION 3 hours credit
A course designed to increase the individual's awareness of his immediate environment with the aim of developing a broad philosophy of environmental education. Existing teaching methods and materials will be analyzed and new methods will be developed for use in inter-disciplinary problem-focused situations. **Prerequisite:** Senior standing. **Three hours per week.**

477. TEACHING PHYSICAL EDUCATION 4 hours credit
A study of the decisions that teachers make about students, curriculum and instruction.

478. STUDENT TEACHING OF PHYSICAL EDUCATION SEMINAR 2 hours credit
Critical analysis of the decisions that are made by student teachers in the public schools. Emphasis upon identifying possible solutions for problems that students are confronted with in their teaching. To be taken in conjunction with Ed. 403, 404.

480. TEACHING CHILDREN WITH SPECIAL NEEDS 3 hours credit
Introductory instruction in the observation, identification and management of children, with mild to moderate learning problems. **Three hours per week.**

485. DIAGNOSTIC-PRESCRIPTIVE TEACHING 3 hours credit
Designed to teach knowledge and skills in two areas: (1) diagnostic — the collection of information concerning children with special learning and behavioral needs; (2) interventions — developing an instructional plan based upon the specific assessment data. **Prerequisite:** Education 480 or Psychology 423, or equivalent. **Three hours per week.**

490. SPECIAL PROBLEMS AND PRACTICES IN EDUCATION variable 1-6 hours credit
Individually designed programs including seminars, workshops, and courses in curriculum development, planning, evaluation, specialized areas of study for purposes of enrichment, in-depth study of special problems and/or professional practices in education. **Prerequisite:** Admission to Professional Program or permission of department chairman.

491. INDEPENDENT STUDY variable 1-3 hours credit
Designed to permit self-study of problems not considered in other courses. **Prerequisites:** Approval of course instructor and department chairman.

495. SPECIAL PROBLEMS AND PRACTICES IN ART EDUCATION K-12 3 hours credit
A course for individual designed classroom programs including seminars, workshops, curriculum development, daily planning, evaluation and art study projects, in education. Students will furnish some materials. Recommended for senior undergraduate or graduate credit. May only be taken once for credit.

English

(Dept. No. 1501)

Professors Engler, Whall, Zak (Chairman); Associate Professors Calcott, Horne, P. Stewart, Waters, Welsh; Assistant Professor White; Instructors Jones, K.Zak.

101. PRINCIPLES OF COMPOSITION 3 hours credit
A study of the methods of clear, appropriate, and effective writing. **Three hours per week.**

102. PRINCIPLES OF LITERATURE 3 hours credit
A study of the principal literary genres. **Prerequisite:** English 101 (unless exempt). **Three hours per week.**

110. INTRODUCTION TO THE STUDY OF LANGUAGE 3 hours credit
Study of the ways language works and an introduction to the scientific study of language and linguistics. Presupposes no formal study or knowledge of language. Not acceptable for General Education credit. **Three hours per week.**

121. INTRODUCTION TO FILM 3 hours credit
Introduction to the art of film. Concepts of organization, structure, and editing techniques through viewing and discussing short films. Literary and dramatic influences in feature films. Not acceptable for General Education credit. **Three hours per week.**

203. UNDERSTANDING POETRY (Genre) 3 hours credit
Reading and interpreting a wide variety of poems, examining the features of the poem as a form, variations of the form throughout history. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

204. THE ART OF THE DRAMA (Genre) 3 hours credit
An introduction to the types of drama in the American, British, and Continental traditions. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

207. WORLD LITERATURE I 3 hours credit
A study of some of the major Western writers of the non- English speaking world from ancient Greece and Rome through the 16th century. Among writers and works to be studied: Homer, Virgil, Aeschylus, Sophocles, Bible, medieval romances, Dante, Montaigne, Cervantes. General Education credit. **Prerequisite:** English 102. **Three hours per week.**

208. WORLD LITERATURE II 3 hours credit
A study of some of the major Western writers of the non- English speaking world from the 17th century to the first half of the 20th century. Among writers to be covered: Goethe, Moliere, Voltaire, Rousseau, Laclas, Balzac, Flaubert, Dostoevsky, Gogol, Tolstoy, Chekhov, Ibsen, Mann, Proust, Kafka. General Education credit. **Prerequisite:** English 102. **Three hours per week.**

209. ASPECTS OF THE NOVEL (Genre) 3 hours credit
Analysis of American, British, and Continental novels; the form of the novel and its variations. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

210. THE SHORT STORY (Genre) 3 hours credit
A study of the historical development of the short story, its forms, characteristics, and its most successful practitioners. Not open to students who have taken English 331. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

212. SATIRE (Genre) 3 hours credit
The nature of satire and its historical forms. General Education literature credit.**Prerequisite:** English 102. **Three hours per week.**

222. WORLD MYTHOLOGY 3 hours credit
Primitive, oriental, and occidental mythology; emphasis on Classical, Nordic, and Judeo-Christian myths. Application of principles of myth and folklore criticism to Western literature, ancient through modern. Not open to students who have taken English 326. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

223. FOLKLORE AND FOLKLIFE 3 hours credit
Varieties of folklore-speech, tales, songs, beliefs; folk groups — by occupation, region, culture, age, and sex — with emphasis on students' own folk groups. Meth-

ods of criticism and field collecting. Not open to students who have taken English 456. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

230. CREATIVE WRITING **3 hours credit**
Techniques of writing fiction and poetry through reading, analysis, and directed writing. Students submit work-in-progress for class discussion and a portfolio of poems or stories. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

240. MAJOR BRITISH AUTHORS **3 hours credit**
A survey of the writings of major British writers from the poet Beowulf to T. S. Eliot which will examine, by means of lectures, slides, tapes and films several masterpieces of English Literature including--but not limited to--*The Canterbury Tales,* selected Shakespeare dramas,*Paradise Lost,* Wordsworth's *The Prelude,* and major works by Yeats and Eliot. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

241. MAJOR AMERICAN AUTHORS **3 hours credit**
A survey of the writings of major American writers from early 18th-century to the present. Its purpose is to trace the growth in this country of an indigenous literature. The intellectural, social, political, philosophical, and aesthetic perspectives informing the periods will be examined. Among the authors studied are Franklin, Emerson, Hawthorne, Melville, Twain, Faulkner, and Barth. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

300. STUDIES IN ENGLISH **3 hours credit**
Study of a literary figure, period, genre, movement, or theme. May be repeated under different subtitles. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

301. STUDIES IN ENGLISH **3 hours credit**
Study of a topic in language, film, or writing. May be repeated under different subtitles. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

307. BLACK LITERATURE **3 hours credit**
Black literature from the Harlem Renaissance (1934) to the present, its relation to the Black movement and the Black experience in America. Emphasis on the novel. Among the authors studied are Richard Wright, Ralph Ellison, James Baldwin, William Kelley, Jean Toomer, Ann Petry, Toni Morrison, Claude McKay, Margaret Walker, Gwendolyn Brooks, Leroi Jones. General Education Literature credit. **Prerequisite:** English 102. **Three hours per week.**

309. WOMEN IN LITERATURE **3 hours credit**
Exploration of views of women in our culture through literature by and about women. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

312. CREATIVE WRITING WORKSHOP **3 hours credit**
Workshop format. Students will analyze readings in contemporary fiction and poetry to observe techniques in craftsmanship. Further, students will present their own writing for intensive examination by members of the workshop. Not acceptable for General Education credit. **Prerequisite:** English 230 or consent of instructor. **Three hours per week.**

313. THE BIBLE AS LITERATURE **3 hours credit**
The literature of the Bible, its various forms, its stylistic features, and its relation to its culture. Emphasis on the Old Testament, King James version. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

321. FILM HISTORY **3 hours credit**
The history of motion pictures with focus upon technical and artistic trends and upon the work of important artists and directors. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

322. LITERATURE AND FILM **3 hours credit**
The relation of film to literature as narrative, dramatic, and poetic means of expression; the translation of literary works into film. Not open to students who have taken English 221. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

324. FILM GENRE **3 hours credit**
An introduction to the concept of film genre and to the study of specific film genres including comedies, musicals, westerns, gangster films, horror films, and science fiction films. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

325. STUDIES IN FILM **3 hours credit**
Study of a director, period, genre, movement, or theme in the area of film. May be repeated twice under different subtitles. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

327. SCIENCE FICTION **3 hours credit**
A survey of the types and conventions of science fiction and a consideration of its persistent themes, especially the idea of utopia and dystopia. Readings will include traditional works by such authors as Swift, Bellamy, Wells, Huxley, and Orwell as well as popular fiction by such recent authors as Stapledon, Clarke, Bradbury, Vonnegut, and LeGuin. **Prerequisite:** English 101 and 102. **Three hours per week.**

328. AMERICAN INDIAN LITERATURE **3 hours credit**
A study of the literature, particularly poetry, short stories, and novels, which grew out of the unique perceptions and experiences of the native Americans. Authors include Waters, Silko, Momaday, Black Elk, Welch, and Ortiz. **Prerequisite:** English 102. **Three hours per week.**

329. LITERATURE OF THE AMERICAN WEST: 1820-PRESENT **3 hours credit**
A study of journals and travel narratives, of literary naturalism, and popular, regional, and historical novels of the American West. Works of writers such as Cooper, Twain, Steinbeck, Clark, and Waters will be included. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

330. AMERICAN LITERATURE, 1860-1945 **3 hours credit**
Major American literature from the Civil War to the end of World War II, exclusive of the novel. Not open to students who have taken English 206. Among the writers studied are Whitman, Dickinson, Mark Twain, Henry James, Dreiser, Frost, Cather, Anderson, O'Neill, Eliot, Stevens, Faulkner, Porter, Welty, O'Connor. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

335. GOTHIC FICTION **3 hours credit**
A study of the gothic strain in English and American fiction from the late eighteenth through the twentieth centuries--the strain's genesis, initial manifestations, popular mutations, and periodic reinvigorations of the literature's main lines of growth. Among the authors studied are Horace Walpole, Ann Radcliffe, "Monk" Lewis, Poe, James, Bram Stoker, and Stephen King. **Prerequisite:** English 101 and 102. **Three hours per week.**

336. THE WILDERNESS IN LITERATURE **3 hours credit**
A study of evolving ideas of wilderness in journals and other non-fiction along with readings in fiction and poetry which dramatize civilized man's relationships with wilderness. Authors will mainly be nineteenth and twentieth century American including Thoreau, John Muir, Fenimore Cooper, Edward Abbey, Jack London, Faulkner, James Dickey, and Gary Snyder. **Prerequisite:** English 101 and 102. **Three hours per week.**

340. THE WRITER AND HIS CRAFT **3 hours credit**
This course will consist of an in-depth study of the creative process. Students will develop a craft workbook that focuses on contemporary forms and strategies, and will write by assignment. Students will also develop techniques of reviewing and compare and contrast certain authors' aesthetics with their creative writings. Not acceptable for General Education credit. **Prerequisite:** English 230. **Three hours per week.**

343. INDIVIDUAL AUTHORS **3 hours credit**
An intensive study of one to three writers of major stature (choice to be made by the instructor). General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

400. INDEPENDENT STUDY **3 hours credit**
Tutorial course in any area of English. Open to junior and senior English majors with superior English grades. Permission of the department chairman prior to registration. One conference weekly. May be taken twice. Not for graduate credit.

405. MAJOR FILM DIRECTORS **3 hours credit**
Intensive study of individual *auteur* directors (such as Ingmar Bergman, Federico Fellini, Francois Truffaut, et al.), American and foreign, singly or in groups *(Das neue Kino,* e.g., or the French "New Wave"), focusing especially on those artists who write their own screenplays as well as direct their films. May be repeated twice so long as the directors covered are not the same. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

411. CHAUCER (Author) **3 hours credit**
Chaucer's major works with emphasis on *The Canterbury Tales.* Not open to students who have taken English 432. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

412. MILTON **3 hours credit**
The sonnets, companion poems, essays, and drams; emphasis on **Paradise Lost.** General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

414. ELIZABETHAN AND JACOBEAN LITERATURE (Period) **3 hours credit**
Major British literature from 1500 to 1660, exclusive of Shakespeare. Authors include Sidney, Spenser, Donne, and Milton. Not open to students who have taken English 434. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

419. SHAKESPEARE (Author) **3 hours credit**
The major comedies and histories; emphasis on the tragedies. Not open to students who have taken English 405. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

420. RESTORATION AND 18TH CENTURY LITERATURE (Period) **3 hours credit**
British literature from 1660 through the 18th century. Among the writers usually studied are Rochester, Dryden, Defoe, Swift, Pope, Johnson, Boswell, and Goldsmith. Not open to students who have taken English 436. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

421. ROMANTIC LITERATURE (Period) **3 hours credit**
British poetry and aesthetics from the French Revolution through the first third of the 19th century. The primary readings are in Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats. Not open to students who have taken English 438. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

425. VICTORIAN LITERATURE (Period) **3 hours credit**
Major British literature during the reign of Queen Victoria. Not open to students who have taken English 440. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

426. COLONIAL AMERICAN LITERATURE (Period) **3 hours credit**
American literature from the beginnings to about 1820. Among the writers studied are William Bradford, Anne Bradstreet, Edward Taylor, Jonathan Edwards, Benjamin Franklin, Washington Irving, and James Fenimore Cooper. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

427. THE AMERICAN RENAISSANCE (Period) **3 hours credit**
The Transcendental Movement and its literature, 1830-1870. Emphasis on works of Emerson, Thoreau, Hawthorne, Melville, Whitman, and Dickinson. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

428. AMERICAN SOUTHERN RENAISSANCE 1930-1950 **3 hours credit**
A study of fiction produced in the South between 1930 and 1950. Identification of the causes of the flourishing of art in this period and place examined. Writers studied are chosen among Glasgow, Faulkner, O'Connor, Welty, Porter, Warren, Percy, Capote, Taylor, Grau, Styron, and Young. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

431. A SURVEY OF MODERN GRAMMARS **3 hours credit**
An historical approach to the descriptions of language; the traditional, the structural, the transformational, and the tagmemic. Not open to students who have taken English 422. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

433. LANGUAGE AND CULTURE 3 hours credit
A linguistic approach to the history of the language; the evolution of English from perspectives of dialectology, lexicography, and semantics; phonological, morphological, and syntactic changes. Not open to students who have taken English 423. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

435. VARIETIES IN LANGUAGE 3 hours credit
Speech variation of people according to geographical areas, socio-economic-education levels, levels of formality, age, sex, and occupation. Emphasis on Eastern Shore patterns of speech. Field methods. Not open to students who have taken English 424. Not acceptable for General Education credit. **Prerequisite:** English 110 or consent of instructor. **Three hours per week.**

437. HISTORY OF THE ENGLISH LANGUAGE **3 hours credit**
The development of modern English; the internal changes in pronunciation, structure, vocabulary, and usage with reference to the external history. Not acceptable for General Education credit. **Prerequisite:** English 110 or consent of instructor. **Three hours per week.**

439. SECOND LANGUAGE/DIALECT LEARNING 3 hours credit
Approaches to second language and dialect learning; teaching English to speakers of other languages; the question of standard English as a second dialect. Not acceptable for General Education credit. **Prerequisite:** English 110 or 431, or consent of instructor. **Three hours per week.**

442. PRACTICUM IN ENGLISH 1-3 hours credit
Advanced student in an English option interns as teaching assistant in a lower division course in that option; supervision of the professor. Not for graduate credit. Not acceptable for General Education credit. **Prerequisite:** Nine hours of course work in the option and approval of department chairman. **Variable hours per week.**

450. PHILOSOPHICAL CONCEPTS IN LITERATURE 3 hours credit
This course involves an examination of a philosophical theme (e.g., existentialism, tragedy) as reflected in works of literature. The theme to be treated will vary from offering to offering. General Education literature credit. **Prerequisite:** English 102 and one previous philosophy course, or consent of instructor. Can be repeated with different subject matter.

453. MODERN POETRY (Genre) 3 hours credit
British, and American poetry from Yeats through World War II. Readings from: Hopkins, Yeats, Eliot, Pound, Frost, Williams, Robinson, Crane, Stevens, Auden, and Dylan Thomas, among others. Not open to students who have taken English 408. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

457. AMERICAN NOVEL I (Genre) 3 hours credit
Major American novels from the beginning through World War I. Among the writers studied are Hawthorne, Crane, Melville, James, Twain. Not open to students who have taken English 406. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

458. AMERICAN NOVEL II (Genre) **3 hours credit**
Major American novels between World War I and World War II. Among the writers studied are Fitzgerald, Hemingway, Steinbeck, Faulkner, Lewis. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

459. CONTEMPORARY LITERATURE (Period) 3 hours credit
Selected literature from 1945 to the present. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

460. BRITISH NOVEL I (Genre) 3 hours credit
The British novel from its beginnings through the 18th Century. Novelists will usually include among others: Defoe, Richardson, Fielding, Sterne, Smollett, and Austen. Not open to students who have taken English 417. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

462. BRITISH NOVEL II (Genre) 3 hours credit
The British novel of the 19th and early 20th Centuries. With works chosen from the writings of Austen, Dickens, Thackeray, Trollope, Hardy, Conrad, D. H. Lawrence, Virginia Woolf. Not open to students who have taken English 418. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

463. LITERARY ANALYSIS 3 hours credit
This course is designed to teach teachers and prospective teachers a variety of analytical approaches to the several literary genres. Students will study traditional, formal, psychological, mythological and exponential analyses of the novel, drama, poetry and the short story, and will practice applying these analytical modes to the four genres. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

465. WRITING FOR TEACHERS 3 hours credit
The purpose of this course is to assist teachers in the evaluation of student writing and to examine ways of helping students improve written work. Students will assess the writer's recognition of and attention to the purpose and audience for which he is writing. Moreover, they will evaluate the writing for effectiveness of

invention, organization, style, grammar and mechanics, and will study methods to help students improve their work in these areas. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

471. TEACHING CREATIVE WRITING **3 hours credit**
Primarily for teachers and education majors, the course requires the reading and analyses of contemporary poetry and prose, the writing of poetry and prose, and the development of critical faculties in a workshop format, and the development and discussion of teaching methods. Not acceptable for General Education credit. **Three hours per week.**

490. TOPICS IN ENGLISH 3 hours credit
Intensive study in a literary genre, figure, or period, or in language, writing, film or journalism. May be repeated for credit in different areas of study. Literature courses bear General Education credit. **Prerequisite:** English 102 or consent of instructor.

499. ENGLISH HONORS 3 hours credit
Independent study in an area of English leading to an honors thesis. **Prerequisite:** Invitation by the Department of English.

American Studies

Students majoring or planning to major in English may also participate in American Studies by taking the following courses: American Studies 315: Topics in American Studies, History 412 and 413: Social and Cultural History of the United States, two American Literature courses and American Studies 480: Senior Seminar in American Studies (See American Studies listings on page 107 of the Catalogue for further information.)

General Studies

(Dept. No. 4901)

005. EFFECTIVE STUDY TECHNIQUES **0 hours credit**
A course designed to assist students to become aware of various methods of studying. Areas discussed include note taking, time management, concentration, memory, and test taking. The course is offered for fourteen weeks. Offered on a Pass/Fail basis. **Three hours per week.**

101. HUMAN SEXUALITY 3 hours credit
A study of the sexual nature of man, with emphasis on the biological, philosophical, psychological, and sociological aspects of human sexuality. Offered on a Pass/No Credit basis. **Three hours per week.**

110. PERSONAL CAREER PLANNING **2 hours credit**
The Career Search Process. Goal oriented toward the planned process of selecting a major or occupational direction. The history, theory, philosophy, and economics of the world of work. Occupational testing, decision making and values clarification skills, and guest lectures will be employed. Recommended only for freshmen, sophomores and undeclared majors. **Three hours per week.**

120. READING BEHAVIOR AND IMPROVEMENT 3 hours credit
An individualized program is developed for each student based on diagnostic test battery results. Instruction is designed to strengthen reading skills to prepare the student for college reading. Areas which may be included in a student's program are comprehension, literal and inferential; vocabulary; word identification and spelling; skimming and scanning; and study reading approaches. A student must read at college level to receive a C in the course. **Three hours per week.**

165. ADVANCED PRINCIPLES OF REAL ESTATE I — BROKERS 3 hours credit
This course is geared for those seeking a Maryland real estate broker's license as required in Maryland Regulation #22 as revised. Topics will include: transfer instruments such as deeds, leases, contracts of sale, assignments; all phases of real estate financing; mortgaging process; settlements and the mathematics thereof; real estate overview — social, economic impact, cyclical analysis; commercial and investment real estate and tax factors. Offered on a Pass/No Credit basis. **Three hours per week.**

166. ADVANCED PRINCIPLES OF REAL ESTATE II — BROKERS 3 hours credit
This course is the second in a series of three, which is required by Maryland Regulation #22 for those seeking a Maryland real estate broker's license. From a broker's point of view, topics will include: The role of the real estate agent, including principles of agency, licensing laws, and ethics; real estate appraisal; real estate management; basic math pertaining to the real estate industry; legal and license law update; creative real estate financing; relations to the public and proper and ethical advertising, state and federal laws. Offered on Pass/No Credit basis. **Three hours per week.**

167. ADVANCED PRINCIPLES OF REAL ESTATE III 3 hours credit
This course is the third course required for those seeking a Maryland real estate broker's license as required in Maryland Regulation #22 as revised. Topics will include: real estate development, zoning, governmental restrictions, real estate securities and syndication; advanced commercial property sales; leasing and exchanges, office management and administration and psychological aspects of selling and interoffice relations. Offered on a Pass/No Credit basis. **Three hours per week.**

190. SPECIAL TOPICS: 3 hours credit
Newspapers Courses: A study of a specific academic area. The topic will vary from semester to semester. The course may be repeated under different subtitles. This course does not meet SSC's General Education requirements.

191. SPECIAL TOPICS: 1-3 hours credit
T.V., College of the Air Courses. A study of a specific academic area. The topic may vary from semester to semester. The course may be repeated under different subtitles. This course does not meet SSC's General Education requirements. NOTE: Only T.V. courses offered through a specific undergraduate department will meet SSC's General Education requirements.

400. HONORS--SENIOR SEMINAR
3 hours credit
This course is required for Honors students who wish to graduate with a College Honors degree designation. Seminar sections will be directed by faculty who volunteer to lead the seminar and who are recommended by the Director of the Honors Program. Sections will be limited to 12 students, each of whom will prepare and direct a discussion of a pivotal intellectual text from a diversity of disciplines (history, science, literature, etc.) which students will choose from a list developed by the Honors Program Committee. **Prerequisite:** Enrollment by permission of the Honors Program Director only. **Three hours per week.**

Geography and Regional Planning

(Dept. No. 2206)
(Dept. No. 1914-Geology)

Associate Professors Rosing (Chairman), Farace; Assistant Professors Block, McGrew, Thomas; Instructor Lindenberg.

Human Geography

100. INTRODUCTION TO HUMAN GEOGRAPHY 3 hours credit
An introduction to the variable human character of the earth. Contemporary world problems such as population growth, economic development, urbanization, resource utilization, and human alteration of the natural environment are examined from a locational perspective. **Three hours per week.**

202. CULTURAL GEOGRAPHY 3 hours credit
An examination of some of the basic concepts of human geography. Emphasis is placed on such subjects as cultural origins and diffusion, perception, settlement forms and the relationship between man, his culture and the physical environment. **Three hours per week.**

203. ECONOMIC GEOGRAPHY 3 hours credit
An analysis of the locational factors and trends in the spatial distribution of economic phenomena. Emphasis is placed on the construction of general principles and theories. **Three hours per week.**

208. INTRODUCTION TO PLANNING
3 hours credit
This course provides a general introduction to the theory and practice of planning at various spatial levels (urban, regional, state and federal). Topics include the reasons for planning, the planning process, the various tasks and responsibilities of professional planners, and selected contemporary issues facing planners. **Three hours per week.**

210. GEOGRAPHY AND RECREATION PLANNING 3 hours credit
An examination of various recreation planning problems from a spatial perspective. Topics include: the location of leisure facilities; patterns of park usage; and evaluation of selected federal, state and local recreation plans. **Three hours per week.**

220. ENVIRONMENT AND MAN 4 hours credit
An interdisciplinary laboratory course in conjunction with the departments of Physical Sciences and Biology designed for the non-science major and is intended to develop in the student a greater awareness of the ways in which the earth's environment is influenced by man's activities as well as the effects of man's environment on human society. This course cannot be repeated for credit in the Chemistry or Biology Departments. **Three hours lecture, two hours lab per week.**

301. INTRODUCTION TO WORLD REGIONS
3 hours credit
An examination of contemporary patterns of life in selected areas of the world from a regional viewpoint. Attention is given to the physical environment, resource use, economic activities, demographic and socio-cultural characteristics, and regional problems. **Prerequisite:** GEOG 100 or 105, or consent of instructor. **Three hours per week.**

302. GEOGRAPHY OF THE UNITED STATES AND CANADA 3 hours credit
An analysis of contemporary patterns of American and Canadian life from a regional perspective. Major topics include: the physical environment, resource and land use, economic activities, demographic and sociocultural characteristics, and regional problems. **Prerequisite:** GEOG 100 or 105 or consent of instructor. **Three hours per week.**

303. REGIONAL AND HISTORICAL GEOGRAPHY OF THE MEDITERRANEAN LANDS 3 hours credit
An analysis of the geographic unity and complexity of the lands bordering the Mediterranean Sea. Contemporary problems are considered in their geographic setting. **Prerequisite:** GEOG 100 or 105 or consent of instructor. **Three hours per week.**

304. REGIONAL AND HISTORICAL GEOGRAPHY OF WESTERN EUROPE
3 hours credit
An examination of the regional differentiation and compiexity of Western Europe. Contemporary problems are considered in their geographic setting. **Prerequisite:** GEOG 100 or 105, or consent of instructor. **Three hours per week.**

399. INTERNATIONAL FIELD STUDY
3 or 6 hours credit
An on-site study of the geography, history and culture of selected international areas. Work in the field is preceded by pre-tour lectures. **Prerequisite:** Consent of instructor.

404. RURAL SETTLEMENT AND LAND USE
3 hours credit
Analysis of the economic, demographic and spatial patterns of the rural United States. Special attention is given to the problems and potentialities of nonmetropolitan areas and to land use planning. **Prerequisite:** GEOG 203 or consent of instructor. **Three hours per week.**

405. URBAN GEOGRAPHY 3 hours credit
An analysis of the spatial distribution of urban settlements, their internal structure and characteristics. Emphasis is placed on the development of theoretical concepts and general principles. Special attention is given to contemporary urban problems. **Prerequisite:** GEOG. 203 or consent of instructor. **Three hours per week.**

406. REGIONAL PLANNING 3 hours credit
An analysis of the spatial incidence of economic growth. Emphasis is placed on the spatial dimension as an important consideration in the theory and practice of economic development planning. **Prerequisite:** GEOG. 203 or consent of instructor. **Three hours per week.**

407. INDUSTRIAL LOCATION 3 hours credit
An analysis of the major factors influencing industrial location decisions and the spatial arrangement of industrial activity. Emphasis is placed on the development of theoretical concepts and general principles. Some attention is given to regional and city industrial development planning. **Prerequisite:** GEOG. 203 or consent of instructor. **Three hours per week.**

408. URBAN PLANNING 3 hours credit
An examination of theories and policies related to urban development and land use planning, along with techniques for evaluation. An assessment of the urban planning process with case studies. **Prerequisite:** GEOG. 203 or consent of instructor. **Three hours per week.**

415. SELECTED PROBLEMS 3 hours credit
Independent study designed to permit research or in-depth work on a selected topic. Specific topic will be indicated on the student's transcript. May be taken twice for credit. **Prerequisite:** Twelve hours in geography and consent of instructor.

422. READINGS IN GEOGRAPHY 3 hours credit
Readings designed to permit in-depth study of a selected topic. Specific topic will be indicated on the student's transcript. May be taken twice for credit under different subtitles. **Prerequisite:** Twelve hours in geography and consent of instructor.

450. TOPICS IN GEOGRAPHY 3 hours credit
An analysis of selected systematic and/or regional topics. A single theme will be considered and will be entered on the student's transcript. May be taken three times for credit under different subtitles. **Prerequisite:** Consent of instructor. **Three hours per week.**

460. INTERNSHIP 1-3 hours credit
A work experience designed to provide qualified students with an opportunity to apply geographic/planning theory, technique, and knowledge as a practicing professional. **Prerequisite:** Approval of the department. **Three hours per week for each credit hour.**

499. GEOGRAPHY HONORS 6 hours credit
A two-semester independent study leading to preparation of an honors thesis and graduation with honors in geography. Students may enroll by invitation of the department only. Specific topic will be indicated on the student's transcript.

Physical Geography

105. INTRODUCTION TO PHYSICAL GEOGRAPHY 3 hours credit
An introduction to the variable physical character of the earth. Treatment of weather, climate, soil, vegetation, landforms, and oceanic circulation with emphasis on processes, interrelationships, and distributional patterns. **Two hours lecture and one two-hour laboratory per week.**

107. MAN AND THE WEATHER 3 hours credit
An introduction to the elements of weather and the effects of weather upon the lives and activities of man. Some time is devoted to weather modification and the principles of weather forecasting. **Three hours per week.**

201. PHYSICAL GEOGRAPHY — WEATHER AND CLIMATE 4 hours credit
An examination of weather and climate with emphasis on processes and distributional patterns. The relationship of climate and other elements of the physical environment. **Three hours lecture and one two hour laboratory per week.**

410. METEOROLOGY 3 hours credit
An analysis of the physical processes and dynamics of the atmosphere. Topics include air pollution meteorology, weather map and radar interpretation, and forecasting. **Prerequisite:** GEOG. 201 or consent of instructor. **Two hours lecture and one two-hour laboratory per week.**

411. GEOMORPHOLOGY 3 hours credit
This course deals with landform analysis. Treatment is given to the agents of erosion and deposition — water, wind and ice, and to the internal forces which leave visible evidence on the earth's surface. **Prerequisite:** GEOL 103 or consent of instructor. **Four hours per week and four one-day and one three-day field trips.**

413. APPLIED CLIMATOLOGY 3 hours credit
An analysis of global energy/water budgets and climatic classifications. Emphasis is placed on the application of energy and water balance principles to problems in agriculture, architecture, industry and commerce, and health. **Prerequisite:** GEOG. 201 or consent of instructor. **Two hours lecture and one two-hour laboratory per week.**

415. SELECTED PROBLEMS 3 hours credit
Independent study designed to permit research or in-depth work on a selected topic. Specific topic will be indicated on the student's transcript. May be taken twice for credit under different subtitles. **Prerequisite:** Twelve hours in geography and consent of instructor.

422. READINGS IN GEOGRAPHY 3 hours credit
Readings designed to permit in-depth study of a selected topic. Specific topic will be indicated on the student's transcript. May be taken twice for credit under different subtitles. **Prerequisite:** Twelve hours in geography and consent of instructor.

450. TOPICS IN GEOGRAPHY 3 hours credit
An analysis of selected systematic and/or regional topics. A single theme will be considered and will be entered on the student's transcript. May be taken three times for credit under different subtitles. **Prerequisite:** Consent of instructor. **Three hours per week.**

460. INTERNSHIP 1-3 hours credit
A work experience designed to provide qualified students with an opportunity to apply geographic/planning theory, technique, and knowledge as a practicing professional. **Prerequisite:** Approval of the department. **Three hours per week for each credit hour.**

499. GEOGRAPHY HONORS 6 hours credit
A two-semester independent study leading to preparation of an honors thesis and graduation with honors in geography. Students may enroll by invitation of the department only. Specific topic will be indicated on the student's transcript.

Methodology

204. SPATIAL ANALYSIS 3 hours credit
An introduction to the basic principles of quantitative analysis in geography. Emphasis is placed on the geographic applications of various techniques rather than on the mathematical bases of the tools. **Prerequisite:** Completion of departmental math requirement or consent of instructor. **Two hours lecture and one two-hour laboratory per week.**

205. CARTOGRAPHY 4 hours credit
An introduction to graphic presentation of data with emphasis on maps. Attention is given to the techniques and problems involved in the compilation, design, and production of maps and other illustrations. **Two hours lecture and two two-hour laboratories per week.**

300. RESEARCH AND WRITING 3 hours credit
The development of research methods in geography including the formulation of problem, the establishment of hypotheses, development of structures for testing hypotheses, and practice with forms of geographic presentation. Maps, numerical and field methods will be used as appropriate. **Prerequisite:** Consent of instructor. **Three hours per week.**

305. ADVANCED CARTOGRAPHY 4 hours credit
This course involves the design and production of complex maps. Analysis and representation of mappable data, as well as advanced production techniques, are treated. **Prerequisite:** GEOG. 205. **Two hours lecture and two two-hour laboratories per week.**

317. INTERPRETATION OF AERIAL PHOTOGRAPHY 3 hours credit
Techniques of air photo interpretation. Analysis of land use, topography and vegetation are included. Three two-hour laboratories. **Prerequisite:** GEOL 103 or GEOG 105 or consent of instructor. **Six hours per week.**

318. LOCAL FIELD COURSE 3 hours credit
This course is designed to familiarize the student with some of the basic field techniques of geography. Land use field studies and mapping of the rural and urban areas of eastern Maryland are scheduled for Sundays. **Prerequisite:** Twelve hours in geography or consent of instructor. **Four hours per week and six one-day field trips per semester.**

321. REMOTE SENSING OF THE ENVIRONMENT 3 hours credit
An analysis of aircraft and satellite sensors used to monitor the earth's environment from above. The application of aerial photograph and satellite data in interdisciplinary analysis of earth features and in the solution of various environmental problems. **Prerequisite:** Consent of instructor. **Two hours lecture and one two-hour laboratory per week.**

335. COMPUTER CARTOGRAPHY 3 hours credit
This course addresses the theory and application of computer graphics as related to cartography. The student will write programs to produce computer-generated maps and learn the utility of computer graphics in the solution of geographic problems. **Prerequisite:** GEOG 205 or consent of instructor.

415. SELECTED PROBLEMS 3 hours credit
Independent study designed to permit research or in-depth work on a selected topic. Specific topic will be indicated on the student's transcript. May be taken twice for credit under different subtitles. **Prerequisite:** Twelve hours in geography and consent of instructor.

422. READINGS IN GEOGRAPHY 3 hours credit
Readings designed to permit in-depth study of a selected topic. Specific topic will be indicated on the student's transcript. May be taken twice for credit under different subtitles. **Prerequisite:** Twelve hours in geography and consent of instructor.

450. TOPICS IN GEOGRAPHY 3 hours credit
An analysis of selected systematic and/or regional topics. A single theme will be considered and will be entered on the student's transcript. May be taken three times for credit under different subtitles. **Prerequisite:** Consent of instructor. **Three hours per week.**

460. INTERNSHIP 1-3 hours credit
A work experience designed to provide qualified students with an opportunity to apply geographic/planning theory, technique, and knowledge as a practicing professional. **Prerequisite:** Approval of the department. **Three hours per week for each credit hour.**

475. FIELD PROBLEMS IN GEOGRAPHY 6 hours credit
In-field geographic research experience. Emphasis is on actual field experience that involves the development of a research proposal, data collection and analysis, and the integration of such in a formal research paper. **Prerequisite:** Consent of instructor.

Geology
(Dept. No. 1914)

103. INTRODUCTION TO PHYSICAL GEOLOGY 3 hours credit
An introduction to the nature and character of the earth's crust and the processes which generate and shape its features. Topics include minerals, rocks, earth structure and plate tectonics. **Two hours lecture and one two-hour laboratory per week.**

Geology
(see Geography and Regional Planning page 132)

History
(Dept. No. 2205)

Professors Page (Chairman), Johnson, Thompson; Associate Professor Berry; Assistant Professors Ang, Bradley, T. Miller; Instructors D. Heidler, Small, Whaley.

101, 102. WORLD CIVILIZATIONS 3 hours credit each
A survey of major civilizations from prehistoric times to the present emphasizing the economic, social, cultural, intellectual, and political trends motivating mankind. **Three hours per week.**

201, 202. HISTORY OF THE UNITED STATES 3 hours credit each
These courses offer a survey of the political, economic, social, and cultural factors which have shaped the pattern of life in the United States. Particular problems are examined in the light of their sources and historical development. 201 goes through 1865 and 202 from 1865 to the present. **Three hours per week.**

210. INTRODUCTION TO WORLD RELIGIONS 3 hours credit
An introductory survey of the historical development of world religions. Specific examples will be drawn from such diverse cultural traditions as to include ancient Babylonian, Judeo-Christian, imperial Chinese, and modern American religious movements. Fertility gods and spirits of nature, augury, omens, possession and prophecy will be among the topics analyzed. **Prerequisites:** History 101, 102. **Three hours per week.**

215. TOPICS IN HISTORY 3 hours credit
An historical study of particular periods; groups, economic, intellectual and/or social movements and institutions. The course may be taken twice, under different course titles recorded with the Registrar. **Three hours per week.**

225. HOLOCAUST: THE EXTERMINATION OF THE EUROPEAN JEWS 3 hours credit
An examinatioo f European anti-Semitism from its origins to its culmination in the Holocaust; major emphasis on the treatment of Jews by Nazi Germany and on the reaction of Jews and the outside world to this treatment. **Three hours per week.**

300. THE HISTORIC ARCHAEOLOGY OF MARYLAND'S EASTERN SHORE 3 hours credit
This course provides an introduction to the theory and methodology of Historic Archaeology. The interdependence of documentary and archaeological evidence is stressed. The material culture of the period 1600-1850 is examined for the Lower Eastern Shore Region, and developments within the region are related to the general themes that are influencing the Anglo-American community as a whole. **3 hours per week.**

302. COLONIAL AND REVOLUTIONARY AMERICA (1607-1783) 3 hours credit
A detailed study of foundations of American civilization. Economic, political, social, cultural and religious factors are emphasized. Consideration of English policy and the revolution are included. **Three hours per week.**

306. THE EMERGENCE OF A NEW NATION: U.S. (1789-1860) 3 hours credit
The course covers such topics as the new government and its policies, nationalism and economic expansion, the common man and the new democracy, social ferment and reform movements, manifest destiny, wars and sectional crises. **Prerequisites:** History 201 and 202. **Three hours per week.**

307. CIVIL WAR AND RECONSTRUCTION 3 hours credit
A survey of the origins, development and outcome of the struggle between the North and South to the end of Reconstruction. Emphasis is placed upon the clash of national and sectional interests, climaxing in military conflict and the emergence of a newly oriented nation. **Three hours per week.**

310. HISTORY OF ENGLAND TO 1702
3 hours credit
A survey of England from Roman times through the reign of William and Mary, emphasizing political, legal, economic, social and cultural institutions and trends. **Prerequisites:** History 101, 102. **Three hours per week.**

311. HISTORY OF ENGLAND AND GREAT BRITAIN, 1702 TO THE PRESENT
3 hours credit
A survey of England and Great Britain from the reign of Queen Anne to the present, emphasizing institutional growth and development, the expansion of the empire, and Britain's rise to a major world power. **Prerequisite:** History 101, 102. **Three hours per week.**

318. HISTORY OF THE ANCIENT NEAR EAST
3 hours credit
A survey of social, political, and religious institutions of the ancient Mesopotamian civilizations of the Sumerians, Babylonians, Hebrews, Assyrians, Hittites and Dynastic Egypt, with emphasis on cultural contributions. **Prerequisites:** History 101, 102. **Three hours per week.**

319. ROMAN HISTORY **3 hours credit**
The course will portray the rise of Rome from city-state to empire. Emphasis on social and cultural achievements from eighth century B.C. to fourth century A.D. **Prerequisites:** History 101, 102. **Three hours per week.**

321. HISTORY OF MEDIEVAL EUROPE
3 hours credit
A survey of culture and institutions of eastern and western Europe from the Age of Constantine to the end of the Hundred Years' War and the Fall of Constantinople to the Turks. **Prerequisites:** History 101, 102. **Three hours per week.**

322. RENAISSANCE TO REVOLUTION (1450-1815) **3 hours credit**
European developments from the Age of Exploration through the French Revolution, emphasizing the development of early nationalism, absolutism, colonialism, capitalism, the middle classes, religious wars, cultural change, and scientific thought. **Prerequisites:** History 101, 102. **Three hours per week.**

323. EUROPE IN THE NINETEENTH CENTURY **3 hours credit**
An analysis of developments from the time of Napoleon to 1900 with emphasis on the industrial revolution and imperialism. Reorganization of the European state system and origins of the great ideological conflicts are considered. **Prerequisites:** History 101, 102. **Three hours per week.**

324. CENTRAL EUROPE SINCE 1815
3 hours credit
A history of Germany and Austria from the Napoleonic period to the present, concentrating on the problems of German nationalism within the framework of modern Europe. Social, economic, and cultural developments will also be emphasized. **Prerequisites:** History 101, 102. **Three hours per week.**

325. HISTORY OF EUROPEAN REVOLUTIONS SINCE 1815 **3 hours credit**
An examination of representative revolutions since the time of Napoleon, which will assess the influence of the French Revolution on nineteenth century uprisings, explore the changed character of revolutions in the twentieth century, and attempt to construct a revolutionary model. **Prerequisites:** History 101, 102. **Three hours per week.**

326. THE FRENCH REVOLUTION AND NAPOLEON, 1789-1815 **3 hours credit**
A study of the French Revolution and the Napoleonic Period. **Prerequisites:** History 101, 102. **Three hours per week.**

330. PROSEMINAR IN HISTORY **3 hours credit**
A survey of selected historians and their philosophy of history. The student is guided in the preparation of a formal research paper using primary and secondary sources. (Required of history majors and may be taken by any student who has satisfactorily completed History 101, 102, and 201 or 202.) **Three hours per week.**

332. NATIONAL HISTORY OF MEXICO
3 hours credit
The development of the Mexican nation with special attention to the war for independence, Caudillo government, reform movement, the dictatorship of Porfirio Diaz, and the Revolution of 1910. United States-Mexican diplomatic relations are examined. **Three hours per week.**

333. THE ABC POWERS **3 hours credit**
A study of the three major South American powers, Argentina, Brazil, and Chile, with special emphasis on their constitutional development. Included is a close review of their relationships with the United States. **Three hours per week.**

334. LATIN-AMERICAN INSTITUTIONS
3 hours credit
A study of the major institutions which developed in Latin America during the colonial and national periods. **Three hours per week.**

340. HISTORY OF AFRICA TO 1870
3 hours credit
The development of indigenous political and social institutions leading to the formation of states and empires, the slave trade, and the onset of European imperialism will be emphasized. **Prerequisites:** History 101, 102. **Three hours per week.**

341. HISTORY OF AFRICA: 1870-PRESENT
3 hours credit
The course will emphasize the history and politics of imperialism from the "scramble" for Africa to decolonization. Emphasis will be placed on the interaction of African and European institutions. **Prerequisite:** History 101, 102. **Three hours per week.**

350. THE MIDDLE EAST TO 1800 **3 hours credit**
A survey of the political, social and economic history of the Middle East from the rule of Islam to the nineteenth century. Emphasis will be on the rise and decline of the Arab Caliphates, Persia and the Ottomans. **Prerequisites:** History 101, 102. **Three hours per week.**

355. THE MIDDLE EAST SINCE 1800
3 hours credit
A history of the strategic region from the beginnings of nationalism through the fall of the Ottoman Empire to the current existence of independent states. Emphasis will be on the historical understanding of the modern situation. **Prerequisites:** History 101, 102. **Three hours per week.**

362. CHINESE CIVILIZATION **3 hours credit**
Chinese civilization from its origins in the Bronze Age to the rise of nationalism and communism in the twentieth century. Attention is divided equally between political and cultural history, giving emphasis to the development of traditional institutions in Chinese society as well as art, literature, religion, and philosophy.

363. JAPANESE CIVILIZATION **3 hours credit**
Japanese cultural and political development from the Familial Age to the present. Equal emphases will be given to politics, economics, art and architecture, drama and literature, philosophy, and religion as persistent and evolving traditions.

370. GREEK HISTORY **3 hours credit**
An historical survey of classical Greek civilization, including political, socio-economic and religious institutions. Particular emphasis on cultural and artistic aspects of Hellenic civilization. **Prerequisites:** History 101, 102. **Three hours per week.**

375. TOPICS IN AMERICAN STUDIES
3 hours credit
A historical study of some particular aspect of American society and culture. The course may be taken twice, under different course titles recorded with the registrar. **Three hours per week.**

380. THE AMERICAN MILITARY EXPERIENCE **3 hours credit**
Military history is designed to enable the student to understand better the role played by the armed forces in American society today through a study of the origins and development of military institutions, traditions, and practices in the United States, 1775-to the present. **Three hours per week.**

399. INTERNATIONAL FIELD STUDY
3-6 hours credit
An on-site study of the geography, history and culture of selected European countries. Work in the field is preceded by pre-tour lectures. **Prerequisite:** Consent of instructor.

400. HISTORY OF MARYLAND **3 hours credit**
A study of Maryland history and government from the colonial period to present. The course places special stress on the leaders, institutions, and contributions made in Maryland and by Maryland to the nation. **Three hours per week.**

401. AMERICAN DIPLOMACY **3 hours credit**
An historical study of the foreign relations of the United States and the resultant diplomatic negotiations from 1776 to present. **Three hours per week.**

405. THE UNITED STATES IN THE TWENTIETH CENTURY I **3 hours credit**
Populism to 1932. A study of the political, economic, intellectual, and social problems attending America's rise to world power late in the 19th century, her involvement in World War I, the changes attending that conflict and the problems of the 1920's. **Three hours per week.**

406. THE UNITED STATES IN THE TWENTIETH CENTURY II **3 hours credit**
F. D. Roosevelt to the present. A study of the efforts of the United States to resolve the complex problems of the 1930's intensified by the great depression, its involvement in World War II, and struggles to maintain peace in the post-war world. **Three hours per week.**

407. THE WESTWARD MOVEMENT
3 hours credit
A study of the westward movement from the Atlantic to the Trans-Allegheny and Trans-Mississippi West, with emphasis upon the influence of the frontiers in shaping American civilization. **Three hours per week.**

408. HISTORY OF THE SOUTH **3 hours credit**
A history of the South from the colonial period to the present, covering developments in politics, economics, culture, and society. **Three hours per week.**

409. RECENT TRENDS AND DEVELOPMENT IN LATIN AMERICA **3 hours credit**
An examination of the important political, economic and military changes in Latin America, particularly those of the twentieth century. **Three hours credit.**

411. PROBLEMS IN LATIN AMERICAN HISTORY **3 hours credit**
Readings, reports, and discussion of historical problems of Latin American development. **Three hours per week.**

412. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES I (1600-1875)
3 hours credit
(See course description in History 413.)

413. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES II (1876 TO PRESENT) **3 hours credit**
These courses are a study of American thought as reflected by the people and leaders. The development of American heritage is covered from the colonial period to the present, with emphasis upon the intellectual, social, religious, and economic movements. The first course covers from the colonial period to reconstruction and the second course from about 1876 to present. **Three hours per week.**

417. HISTORY OF SCIENCE AND TECHNOLOGY **3 hours credit**
A survey of the evolution of scientific achievements and technology in the western world, with particular emphasis on the cultural, economic and social implications of these developments. **Prerequisites:** History 101, 102. **Three hours per week.**

421. EUROPE IN THE TWENTIETH CENTURY WORLD **3 hours credit**
A study of the economic, social, intellectual, and political development of Europe, viewed in the context of world wars, depression, and conflicting political ideologies, showing the decline of European dominance and the rise of America and Asia. **Prerequisites:** History 101, 102. **Three hours per week.**

423. RUSSIA: RISE TO IMPERIAL POWER **3 hours credit**
A study of Russia from its Kievan origins, its medieval growth and consolidation, to the Empire inherited by Nicholas I; emphasis on social, economic and political development. **Prerequisites:** History 101, 102. **Three hours per week.**

424. MODERN RUSSIA **3 hours credit**
This course will survey the growth of a modern, industrialized state, from the Reign of Nicholas I to the present, with emphasis on the social, economic and political forces which have shaped the Soviet Union of today. **Prerequisites:** History 101, 102. **Three hours per week.**

426. HISTORY OF SOUTHERN ASIA **3 hours credit**
A study of the Indian sub-continent and adjacent regions, their social development, the evolution of Hinduism and Buddhism, the Islamic, Mongol, and British conquests, the rise of nationalism, and the status of the region today. **Prerequisites:** History 101, 102. **Three hours per week.**

430. READINGS IN HISTORY **3 hours credit**
A readings course in history for students who have achieved above average in at least eighteen hours of history courses. This course may be taken twice, under different course titles recorded with the registrar. Permission of Department Chairman required. **Three hours per week.**

435. SENIOR THESIS **3 hours credit**
Individual research and preparation of a thesis by history majors. Topic to be approved by department chairman. **Three hours per week.**

437. HISTORY OF EUROPEAN IDEAS **3 hours credit**
A survey of the western intellectual tradition, beginning with its heritage from the ancient world, and emphasizing the main currents of European thought from the Middle Ages to the present. Particular emphases will be placed on the rise of a spirit of free inquiry, the development of a scientific attitude, and the growth of a distinct intellectual class. **Prerequisites:** History 101, 102. **Three hours per week.**

440. MINORITY GROUPS IN UNITED STATES HISTORY **3 hours credit**
Attention is given to the role and contribution of minority groups in general, with special emphasis on some of the larger and older minority groups. **Three hours per week.**

445. BLACK AMERICAN HISTORY **3 hours credit**
A study of the life and role of the Black American from the Colonial period to the present. **Three hours per week.**

450. SELECTED PROBLEMS IN EUROPEAN THOUGHT AND CULTURE, 1700-1840 **3 hours credit**
Readings and discussion in this course will focus on intellectual currents in England, France and Germany in the 18th and early 19th centuries. Works of contemporary writers will be examined in the context of social and political developments. **Prerequisites:** History 101, 102. **Three hours per week.**

460. HISTORY OF CHINA SINCE 1800 **3 hours credit**
The revolutionary transformation of China from the nineteenth century to the present, with emphases on the impact of imperialism, the profound effects of western technology and foreign policy wrought by the history of her relations with the West. **Prerequisites:** History 101, 102. **Three hours per week.**

470. HISTORY OF THE EARLY ROMAN EMPIRE **3 hours credit**
A study of particular institutions and movements in Roman history. Emphases on family history and social and religious trends during the early imperial period of Roman history. **Prerequisites:** History 101, 102. **Three hours per week.**

472. STUDIES IN CLASSICAL ARCHAEOLOGY **3 hours credit**
Assorted topics and archaeological sites of the ancient Mediterranean world (Crete, Greece and Italy) will be examined. Course may be taken twice under different subtitles. **Prerequisites:** History 101, 102. **Three hours per week.**

474. HISTORY OF ANCIENT EGYPT **3 hours credit**
An intensive study of three eras of Egyptian history —the pyramid age, the chaotic middle kingdom, and New Kingdom Absolutism. Emphases on cultural, religious and artistic contributions. **Prerequisites:** History 101. **Three hours per week.**

480. MUSEUM STUDIES **3 hours credit**
The course is designed as a work experience which invites students to learn techniques of museology. The student will work in co-operation with various local or regional museums. The learning experience will take place under the supervision and direction of a museum curator. This course may be taken twice with the consent of the instructor. **Three hours per week.**

490. STUDIES IN HISTORY **3 hours credit**
An intensive historical study of particular periods and groups, economics, intellectual, cultural, social movements, and/or institutions. This course may be taken twice under different course titles recorded with the Registrar. **Prerequisite:** Consent of the Department Chairman. **Three hours per week.**

499. HONORS **3 hours credit**
Independent study, research and conferences undertaken by history majors for departmental honors at the invitation of the department. This course may not be taken on a Pass/No Credit basis. **Prerequisite:** Approval of the department. Students must have completed 21 hours of course work in history including Proseminar 330 and have at least a 3.5 average in history.

American Studies

Students majoring or planning to major in history may also participate in American Studies by taking the following courses: American Studies 315: Topics in American Studies, History 412 and 413: Social and Cultural History of the United States, two American literature courses and American Studies 480: Senior Seminar in American Studies (see American Studies listings on page 107 of the catalogue for further information).

Leisure Studies

(Dept. No. 4993)

Associate Professor Conners (Chairman). Collateral Area Representatives: Art, Associate Professor Quillen; Biology, Associate Professor Standaert; Business Administration, Associate Professor Muller; Communication Arts, Professor Wesley; Education, Assistant Professor Bowden; Geography, Assistant Professor McGrew; Music, Professor Fleming; Philosophy, Assistant Professor Cabral; Physical Education, Associate Professor Connors; Psychology, Associate Professor Gallagher; Social Work, Associate Professor Morris; Sociology, Professor Bosserman.

201. MAN AND LEISURE **3 hours credit**
Man and leisure is designed to introduce the student to a broad range of issues, concerns, facts and relationships as they relate to the concept of leisure. Various conceptualizations of leisure and their implications for man will be studied. Can not be taken for credit if student has credit for Sociology 300.

301. THEORIES OF LEISURE **3 hours credit**
The purpose of this course is to ground the student in the theoretical approaches to leisure that inform this discipline. We will look closely at the classical humanist identification of leisure as man's highest good and at a selection of contemporary theories which provide research models. Emphasis will also be placed on the multidisciplinary nature of leisure issues including their expression in some modern fiction. **Prerequisite:** Leis 201. Can not be taken for credit if student has credit for LEIS 460 "Leisure: Theory and Policy."

305. LEISURE AND SPECIAL POPULATIONS **3 hours credit**
An examination of the specific leisure interests and needs of special populations such as the disadvantaged, handicapped, aged, and others. **Prerequisite:** LEIS 201.

400. LEISURE SERVICE DELIVERY SYSTEM **3 hours credit**
A study of the processes involved in providing leisure services through a systems perspective. Emphasis is placed on the interrelationships among the participants, the agencies or organizations, and the social and physical environment. **Prerequisite:** LEIS 201.

401. LEISURE AND POLICY **3 hours credit**
This course is designed to provide an understanding of the processes at work in formulating and implementing leisure policies in both the public and private sectors. **Prerequisite:** Leis 201. Can not be taken for credit if student has credit for LEIS 460 "Leisure: Theory and Policy."

450. PRACTICUM **12 hours credit**
The practicum involves a minimum of 420 hours of supervised professional field work experience with an approved cooperating field work agency. Primary emphasis will include program leadership roles, routine administrative responsibilities and other professionally related activities. To be taken in conjunction with the Leisure Studies Seminar 451. Graded on a Pass/Fail basis only. **Prerequisites:** Admission by departmental approval only.

451. SEMINAR **3 hours credit**
The practicum seminar is designed to complement the field work experiences associated with the practicum. Emphasis will be placed on problem solving, implementation and evaluation of leisure experiences in the various field work agencies or organizations. **Prerequisite:** Admission by departmental approval only.

490. INDEPENDENT STUDY **1-3 hours credit**
Provides opportunities for students to plan, select and conduct an individual study project with consultation and supervision by faculty. **Prerequisite:** Consent of instructor.

491. SELECTED TOPICS **1-3 credit hours**
Provides opportunities for coverage of specific themes or issues related to the subject of leisure not usually covered in the present curriculum. May be repeated twice under different subtitles recorded with the registrar. **Prerequisite:** Admission by Department Chairman approval only.

Mathematical Sciences

(Mathematics and Statistics)
(Dept. No. 1701)

Professors Cathcart (Chairman), Fusaro; Associate Professors Austin, Jones, May, Rock, Suber, Tardiff; Assistant Professor Luft; Instructors Ehrlich, Hutchings, Wainwright.

Mathematics and Statistics

(Dept. No. 1701)

100. PREPARATORY MATHEMATICS
3 hours credit

A review of high school mathematics and an introduction to basic college mathematics: arithmetic and applications of the real number system, absolute value, exponents, multiplication of polynomials, solution of equations, graphing linear equations, verbal problems, quadratics and systems of equations. Does not satisfy General Education requirements. **Three hours per week.**

Three units of high school mathematics (including Algebra II) or MATH 100 is a prerequisite for all other math courses.

103. FUNDAMENTAL CONCEPTS I
3 hours credit

For prospective elementary school teachers. The properties of the natural number system are developed using set concepts as a basis for the development. Additional topics include algorithms, numeration systems, and extensions of the natural number system. Does not satisfy General Education requirements. **Three hours per week.**

104. FUNDAMENTAL CONCEPTS II
3 hours credit

A continuation of Mathematics 103. Real numbers, measurements, mathematical systems and mathematical method. **Prerequisite:** MATH 103. **Three hours a week.**

110. FINITE MATHEMATICS **3 hours credit**

An introduction to functions, graphs, linear programming, probability, computing, and additional topics as time permits. For students in the behavioral, biological, management and social sciences. **Three hours per week.**

114. INTRODUCTION TO NONPARAMETRIC STATISTICS **3 hours credit**

An introduction to the art of making statistical inference when the distribution is unknown or mathematically intractable. Hypothesis testing, estimation, contingency tables, measures of association, efficiency. Primarily for nursing and social sciences. **Three hours per week.**

121. ALGEBRA AND TRIGONOMETRY
4 hours credit

A precalculus algebra-trigonometry course. Real numbers, functions and graphs, including the study of polynomial, rational, algebraic, trigonometric, exponential and logarithmic functions. Intended for students who plan to take the calculus sequence. Does not satisfy General Education Requirements. **Four hours per week.**

144. ENVIRONMENTAL MATHEMATICS
3 hours credit

A systems approach to environmental concepts and problems. A principal tool is the Odum diagrammatic systems language. This language is translated into flow equations which are then implemented by computer models. **Three hours per week.**

150. ALGEBRA WITH CALCULUS 3 hours credit

A review of algebra. An introductory study of differentiation and anti-differentiation with emphasis on techniques and applications. Problems will be taken from Business, Management and other fields. **Three hours per week.**

151. ELEMENTARY PROBABILITY AND STATISTICS
3 hours credit

An introduction to elementary probability, probability distributions, descriptive statistics, hypothesis testing and estimation. **Prerequisite:** 2 years of high school algebra. Students may receive credit for only one of the following: Math 113 or 151, except for Accounting or Business majors who completed Math 113 prior to taking Math 151. **Three hours per week.**

160. INTRODUCTION TO APPLIED CALCULUS **3 hours credit**

An introductory study of differential and integral calculus with emphasis on techniques and applications. For students in the biological, management, social, and behavioral sciences. BUAD and Accounting majors may take this course in lieu of MATH 150. (Course previously numbered 123.) **Three hours per week.**

200. MATHEMATICS AND CULTURE
3 hours credit

A course for liberal arts students designed to provide an appreciation of the beauty and structure of mathematics and its role in our culture. Mathematical concepts will be applied to societal and environmental issues and problems. **Three hours per week.**

201, 202. CALCULUS I, II **4 hours credit each**

An introduction to analytic geometry, limits, continuity, derivatives of elementary functions, applications of the derivative, integrals, applications and techniques of integration. MATH 202 is a continuation of MATH 201. **Prerequisite:** Trigonometry or MATH 121. **Four hours per week.**

210. INTRODUCTION TO DISCRETE MATHEMATICS **3 hours credit**

An introduction to basic techniques and modes of reasoning for discrete problem solving. Set theory, recurrence relations, counting, graphs, and lattices. **Prerequisites:** COSC 120 and MATH 121. **Three hours per week.**

285. SCIENTIFIC COMPUTING I 3 hours credit

Introduction to the science-oriented language FORTRAN and to the use of computers to solve problems in science, math and engineering. **Prerequisites:** COSC 120 and MATH 201. **Three hours per week.** (Same as COSC 285 - credit may not be received for both courses.)

290. INTERNSHIP **3 hours credit**

A work-study course. The student will work under a supervisor in a local firm or public institution in conjunction with an advisor from the department. This internship will usually require a background in computing or statistics. May be taken twice. **Prerequisite:** Approval of the chairman. Offered on a Pass/Fail basis only.

306. LINEAR ALGEBRA **3 hours credit**

Basic concepts of vector spaces, linear transformation, matrices, determinants, and systems of linear equations. **Prerequisite:** MATH 202. **Three hours per week.**

310. CALCULUS III **4 hours credit**

Arc length, indeterminate forms, infinite series, Euclidean spaces, functions of several variables, partial differentiation, multiple integrals. **Prerequisite:** MATH 202. **Four hours per week.**

311. DIFFERENTIAL EQUATIONS AND SERIES **4 hours credit**

Solutions of 1st and 2nd order equations and their applications: Separable, exact, homogeneous, linear. Numerical and series solutions of ordinary and partial differential equations. **Prerequisite:** MATH 310. **Four hours per week.**

313. ELEMENTARY SURVEY SAMPLING
3 hours credit

Peculiarities of sampling, and inference commonly encountered in business, the social sciences, and natural resources management. Methods for actually selecting the sample from an existing population and ways for circumventing various difficulties. **Prerequisite:** A course in statistics or probability. **Three hours per week.**

314. INTERMEDIATE APPLIED STATISTICS
3 hours credit

Optimal allocation of sampling units to treatments in order to provide the highest accuracy and lowest cost. Designs will be compared and contrasted for advantages and disadvantages. Introduce students to standard computer packages. (SPSS, BMD, Mini-tab, etc.) **Prerequisite:** A course in statistics. **Three hours per week.**

360. OPERATIONS RESEARCH **3 hours credit**

An introduction to the fundamental problems of operations research. Topics include: mathematical programming, network analysis, simulation, probabilistic decision models, queuing models, and inventory models. **Prerequisite:** A course in finite math or linear algebra, a course in statistics, experience in computer programming. **Three hours per week.**

390. UNDERGRADUATE RESEARCH PROJECT **1-3 hours credit**

A course designed to give the student an opportunity to study some area of the mathematical sciences in more depth than is possible in the usual classroom setting. The student will work on a project under the direction of a faculty member. **Prerequisite:** Department approval. P/F.

402. THEORY OF NUMBERS **3 hours credit**

Basic concepts: integers, prime numbers, divisibility, congruences and residues. **Prerequisite:** MATH 201. **Three hours per week.**

406. GEOMETRIC STRUCTURES 3 hours credit

An axiomatic development of incidence, ordered incidence, affine and absolute geometries; investigation of Euclidean and non-Euclidean geometries. **Prerequisite:** MATH 201. **Three hours per week.**

413. MATHEMATICAL STATISTICS I
3 hours credit

Axioms and algebra of probability, discrete and continuous random variables and their probability distribution, multivariate distributions, limited theorems. **Prerequisite:** Calculus through to multiple integrals (MATH 310). **Three hours per week.**

414. MATHEMATICAL STATISTICS II
3 hours credit

Methods of estimating, properties of estimators, hypothesis testing, linear models, least squares, analysis of variance enumerative data, non-parametric statistics. **Prerequisite:** MATH 413. **Three hours per week.**

431. POINT SET TOPOLOGY **3 hours credit**

Topological spaces, homeomorphisms, compactness, metric spaces, connectedness and other topics. **Prerequisite:** MATH 306 or 310. **Three hours per week.**

441. ABSTRACT ALGEBRA **3 hours credit**

An introduction to the theory of groups, rings, integral domains and fields, including basic properties of polynomials. **Prerequisite:** MATH 306 or 310. **Three hours per week.**

451. ANALYSIS I **3 hours credit**

Modern abstract analysis including such topics as topology of the real number system, sequences, continuity and differentiability. **Prerequisite:** MATH 310. **Three hours per week.**

452. ANALYSIS II **3 hours credit**

A continuation of Analysis I including such topics as the Riemann-Stieltjes Integral, sequences of functions, and Lebesque Theory. **Prerequisite:** MATH 451. **Three hours per week.**

461. DIFFERENTIAL EQUATIONS
3 hours credit

Frobenius series solutions, regular and singular points; existence and uniqueness theorems for the initial-value problem; systems of equations; the boundary-value problem; other topics. **Prerequisite:** DIFFERENTIAL EQUATIONS AND SERIES (MATH 311). **Three hours per week.**

465. MATHEMATICAL MODELS AND APPLICATIONS **3 hours credit**

Mathematical basis for model building; examples of simple models for uncomplicated systems in biology, psychology, business and other fields; finite markov processes; models for growth processes. **Prerequisite:** MATH 306. **Three hours per week.**

471. NUMERICAL METHODS **3 hours credit**

Such topics as interpolation, functional approximation, numerical differentiation and integration, nonlinear equations, systems of linear equations, analysis of error. **Prerequisite:** MATH 311 and programming experience.

490. SPECIAL TOPICS **3 hours credit**
For the student who wishes to study in certain specialized areas such as complex variables, logic, non-Euclidean geometry, or other topics suggested by faculty or students. This course may be taken twice, under different titles recorded by the registrar. **Prerequisites:** (For most topics) MATH 306 and 310. **Three hours per week.**

Statistics

MATH 114. Introduction to Nonparametric Statistics
MATH 151. Elementary Probability and Statistics
MATH 290. Internship
MATH 313. Elementary Survey Sampling
MATH 314. Intermediate Applied Statistics
MATH 390. Undergraduate Research Project
MATH 413. Mathematical Statistics I
MATH 414. Mathematical Statistics II
MATH 490. Special Topics

Medical Technology

(Dept. No. 1223)

Instructors McGlinchey (Educational Coordinator) and Polutanovich (Clinical Coordinator); Clinical Professors Taylor, Decker, (Medical Directors); Clincal Affiliates Hoffman, Carey, Demko, Meney, Bradshaw.

200. FOUNDATIONS OF MEDICAL TECHNOLOGY **4 hours credit**
This course is designed to acquaint the student with the field of medical technology. Topics for discussion include the history of medical technology, career opportunities, and basic concepts in hematology, clinical chemistry, microbiology, immunohematology and other related topics. Required of all majors unless rules exempt by department chairman.

Senior Internship Requirements:

410. CLINICAL MICROSCOPY **1 hour credit**
This course will discuss the normal and pathological anatomy and physiology of the organs involved in the production of various body fluid and metabolic byproducts. The fundamental techniques of urinalysis as well as the examination of gastric fluid, duodenal fluid, feces, synovial fluid, seminal fluid, pleural and peritoneal fluid will be covered.

415. HEMATOLOGY **6 hours credit**
This course will cover the maturation and physiology of human blood cells and their major molecular components such as hemoglobin. Discussion of the red cells will include both the anemias and polycythemias. Discussion of the anemias will emphasize both the morphologic and etiologic aspects. Platelet physiology and platelet disorders will be covered. Normal blood coagulation as well as the coagulation disorders will be covered. The laboratory experience will stress the technical aspects of practical hospital hematology.

416. CLINICAL ROTATION (HEMATOLOGY) **2 hours credit**
This course is laboratory experience in the Hematology Department at the Peninsula General Hospital Clinical Laboratory. The student is in an actual work situation under the supervision of the section head or other medical technologists designated by the Medical Technology Department chairman or the laboratory administration.

421. CLINICAL ROTATION (CHEMISTRY) **2 hours credit**
This course is laboratory experience in the Clinical Chemistry Department at the Peninsula General Hospital Clinic Laboratory. The student is in an actual work situation under the supervision of the section head or other medical technologists designated by the Medical Technology Department chairman or the laboratory administration.

425. CLINICAL MICROBIOLOGY **6 hours credit**
This course will cover the major bacteria, fungi, and parasites important in human disease. The course will cover the identification, cultivation transmission, and sensitivity testing of these agents as well as a discussion of the diseases caused. An orientation to medical virology will be conducted.

426. CLINICAL ROTATION (MICROBIOLOGY) **2 hours credit**
This course is laboratory experience in the Microbiology Department of the Peninsula General Hospital Clinical Laboratory. The student is in an actual work situation under the supervision of the section head or other medical technologists designated by the Medical Technology Department chairman or the laboratory administration.

430. SEROLOGY **1 hour credit**
This course will cover the basic principles of immunology with a discussion of the various types of Antigen-Antibody reactions. The theoretical and technical aspects of procedures important in the diagnosis of syphillis, gonorrhea, brucellosis, typhoid, tularemia, infectious mononucleosis, rubella, and hepatitis associated antigen will be covered.

435. IMMUNOHEMATOLOGY **3 hours credit**
General principles of immunology and genetics as related to immunohematology: Theory and practice of blood grouping, antibody screening, antibody identification and crossmatching.

436. CLINICAL ROTATION (BLOOD BANK/IMMUNOHEMATOLOGY) **2 hours credit**
This course is laboratory experience in the Blood Bank/Immunohematology Department of the Peninsula General Hospital Clinical Laboratory. The student is in an actual work situation under the supervision of the section head or other medical technologists designated by the Medical Technology Department chairman or the laboratory administration.

456. CLINICAL ROTATION (SPECIAL CHEMISTRY) **2 hours credit**
This course is laboratory experience in the special Chemistry Department of the Peninsula General Hospital Clinical Laboratory. The student is in an actual work situation under the supervision of the section head or other medical technologists designated by the Medical Technology Department chairman or the laboratory administration.

457. CLINICAL CHEMISTRY I **6 hours credit**
This course is designed to explore the analytical measurement of organic and inorganic constituents of body fluids which are routinely assayed in the clinical laboratory. Clinical interpretation of results is also stressed. Carbohydrates, proteins, enzymes, waste products, blood gases, electrolytes and minerals of clinical interest are covered.

458. CLINICAL CHEMISTRY II **6 hours credit**
This course explores analytic techniques and clinical interpretation of lipids, hormones, vitamins and toxicology. The examination of amniotic fluid, quality control, and method evaluation are addressed.

460. MEDICAL ELECTRONICS AND INSTRUMENTATION **1 hour credit**
This course will cover basic electronics with particular emphasis on concepts necessary in medical instrumentation. The major instruments utilized in clinical laboratory testing will be discussed individually.

465. LABORATORY INSTRUCTION AND MANAGEMENT **2 hours credit**
The course provides the student with exposure to basic principles of instruction and management through lecture, seminars, group activities and projects. The student will be required to research, prepare and present a lecture or seminar on a topic of interest.

Military Science

(Dept. No. 1801)

Assistant Professors Hitor (Chairman), Kiggins; Instructor Murphy.

105. ORGANIZATIONAL LEADERSHIP I **1 hour credit**
Concepts of Leadership and Management skills at basic organizational level will be covered; practical exercises employing leadership concepts will be used; interpersonal communications, decision-making/problem-solving processes and confidence-building skills will be stressed. **Prerequisite:** None. **1 hour per week.**

106. ORGANIZATIONAL LEADERSHIP II **1 hour credit**
Examines techniques to enable leaders to effectively present ideas and plans to a group. Instruction will focus on formal and informal class presentations briefing and communication techniques. Emphasis placed on presentations. Additionally course teaches basic land navigation and communication skills. The course is designed to develop an ability to navigate over various types of terrain by use of map and compass. During the conduct of the course, each student will be given the opportunity to develop and apply this ability through practical exercise on one field trip. **Prerequisite:** MISC 105 or permission of Asst. Professor of Military Science. **1 hour per week.**

205. ORGANIZATIONAL LEADERSHIP/MANAGEMENT I **1 hour credit**
Designed to cover fundamental concepts of leadership and management, and serve as introduction to application of organizational/military management skills. Small group leadership emphasized including confidence-building projects, field training exercises, leadership development problems, and a leadership reaction course. **Prerequisite:** Sophomore standing or consent of department chairman. **Two hours per week.**

206. ORGANIZATIONAL LEADERSHIP/MANAGEMENT II **1 hour credit**
Focuses on developing communications and leadership skills at the unit level with emphasis on practical field training exercises, field trips, and the development of various military skills, to include map reading. Includes introduction to Army organization and role of the military in American history. **Prerequisite:** MISC 205. **Two hours per week.**

215. INTRODUCTION TO MILITARY SCIENCE **3 hours credit**
A compact course designed to cover the most important areas taught in the first four semesters of the ROTC Program. Organizational leadership, management, and planning as well as certain military skills will be covered. Included are classroom and field activities with emphasis on student participation and practical application of principles and skills learned. **Two and one-half hours per week.**

305. APPLIED LEADERSHIP I **2 hours credit**
Focuses on military leader's role in today's Army, with emphasis on military drill, basic weapons familiarization, and advanced physical training instruction.

Knowledge of small unit leadership positions stressed. **Prerequisite:** MISC 205 and 206, MISC 215, Basic Camp, or consent of department chairman. **Four hours per week.**

306. APPLIED LEADERSHIP II 2 hours credit
Designed to complete cadet preparation for ROTC Advanced Camp. Covers military tactics (offensive and defensive) at squad and platoon level, land navigation, and military skills. Physical fitness training and field training exercises also emphasized. **Prerequisite:** MISC 305. **Four hours per week.**

405. MILITARY MANAGEMENT I
2 hours credit
Emphasis on Management by Objectives, individual leadership assignments, administrative management, preparation and conduct of training, and role of the Army in the contemporary world. **Prerequisite:** MISC 306. **Four hours per week.**

406. MILITARY MANAGEMENT II
2 hours credit
Focuses on military law, officer professional development, military history, preparation for entry onto active duty, the officer's role in today's Army, and individual leadership assignments. **Prerequisite:** MISC 405. **Four hours per week.**

Modern Language and Intercultural Studies

(Dept. No. 1101)

Professor Knowles; Associate Professors Palmer (Chairman), St. Martin; Instructors White, (Part Time - K. Thompson)

French

FRENCH 100. FRENCH FOR PRACTICAL COMMUNICATION 3 hours credit
A course designed to meet the needs of those who expect to use French for verbal communication. Students will learn practical vocabulary and basic phrases in order to function in daily situations, to seek information, and to satisfy personal needs and to observe native courtesies. The course will enable students who travel to French-speaking countries to have a more meaningful and rewarding experience. (Does not satisfy General Education Requirement.) **Three hours per week.**

FRENCH 101. ELEMENTARY FRENCH
3 hours credit
A beginning course in spoken and written French with emphasis on the sound system and the basic structures of the language. **Three hours per week.**

FRENCH 105. OPTIONAL PRACTICUM CREDIT 1 hour credit
An optional credit for supplementary oral and written practice to be done in the language laboratory or in workshop sessions to complement the work in French 101. In order to be eligible for this credit, students must be registered in French 101 or receive permission of the department chairman. **Two hours per week.**

FRENCH 102. ELEMENTARY FRENCH II
3 hours credit
A continuation of skill development in spoken and written French with further study of major structures. **Prerequisite:** French 101 or at least one year of high school French. (Satisfies Group 1-B General Education Requirements.) **Three hours per week.**

FRENCH 106. OPTIONAL PRACTICUM CREDIT 1 hour credit
An optional credit for supplementary oral and written exercises to be done in the language laboratory or in workshop sessions to complement the work in French 102. In order to be eligible for this credit, students must be registered in French 102 or receive permission of the department chairman. **Two hours per week.**

FRENCH 201. INTERMEDIATE FRENCH
3 hours credit
A course for the continued development and refinement of language skills with emphasis on reading, writing and vocabulary development. **Prerequisite:** French 102 or at least two years in high school French. (Satisfies Group I-B General Education Requirement.) **Three hours per week.**

FRENCH 205. OPTIONAL PRACTICUM CREDIT 1 hour credit
An optional credit for supplementary oral and written exercises to be done in the language laboratory or in workshop session to complement the work in French 201. In order to be eligible for this credit, students must be registered in French 201 or receive permission of the department chairman. **Two hours per week.**

FRENCH 202. INTERMEDIATE AND APPLIED FRENCH 3 hours credit
A course for the continued development, refinement and application of language skills with emphasis on reading, writing and vocabulary development. **Prerequisite:** French 201 or at least three years of high school French. (Satisfies theal nguage requirement.) **Three hours per week.**

FRENCH 206. OPTIONAL PRACTICUM CREDIT 1 hour credit
An optional credit for supplementary oral and written exercises to be done in the language laboratory or in workshop sessions to complement the work in French 202. In order to be eligible for this credit, students must be registered in French 202 or receive permission of the department chairman. **Two hours per week.**

FRENCH 310. ORAL AND WRITTEN COMPOSITION 3 hours credit
A course in which students develop facility to sustain oral and written discussion in French. Students practice the basic patterns of French syntax and develop vocabulary by preparing frequent oral and written compositions. **Prerequisite:** French 202 or equivalent experience. **Three hours per week.**

FRENCH 312. FRENCH CONVERSATION
3 hours credit
A course for the continued development of conversational skills through oral reports and presentations, and an introduction to phonetics. **Prerequisite:** French 202 or equivalent experience. **Three hours per week.**

FRENCH 315. FRENCH CULTURE AND CIVILIZATION I 3 hours credit
An introduction to the history of French civilization tracing major cultural themes from the beginning of French society to the 16th century. **Prerequisite:** French 202 or equivalent experience. **Three hours per week.**

FRENCH 316. FRENCH CULTURE AND CIVILIZATION II 3 hours credit
An introduction to the history of French civilization tracing major cultural themes from the 17th to the 20th century. **Prerequisite:** French 202 or the equivalent experience. **Three hours per week.**

FRENCH 300. TOPICS IN FRENCH LITERATURE 3 hours credit
A course of study of an author, period, movement, genre or theme in French. Topic may vary from semester to semester. May be repeated once with new content. **Prerequisite:** French 310 or permission of department chairman. **Three hours per week.**

FRENCH 320. INTRODUCTION TO LITERARY FORMS I — DRAMA AND POETRY
3 hours credit
An introduction to the formal principles underlying drama and poetry through readings and analysis of selected works. **Prerequisites:** French 310 or consent of department chairman. **Three hours per week.**

FRENCH 321. INTRODUCTION TO LITERARY FORMS II — SHORT STORY AND NOVEL
3 hours credit
An introduction to the narrative techniques of the French short story and novel through readings and analysis of selected works. **Prerequisite:** French 310 or consent of department chairman. **Three hours per week.**

FRENCH 401. ADVANCED COMPOSITION AND MORPHOLOGY 3 hours credit
A course designed to bring together on an intense, advanced level all of the principles of morphology, syntax, sentence development and sentence structure through translation and detailed composition. **Prerequisite:** French 310 or consent of department chairman. **Three hours per week.**

FRENCH 402. ADVANCED CONVERSATION
3 hours credit
A course designed to provide greater flexibility in the spoken language by intense oral practice to correct the defects of pronunciation and diction through phonetics. **Prerequisite:** French 312 or consent of department chairman. **Three hours per week.**

FRENCH 405. SPECIAL PROBLEMS IN FRENCH Variable 1-6 hours credit
Individual study of special areas in French linguistics or in French literature with the advice and direction from a member of the department. May be repeated by same student with new content. **Prerequisite:** consent of department chairman.

FRENCH 411. MEDIEVAL AND RENAISSANCE THOUGHT IN FRENCH LITERATURE 3 hours credit
A study of the major phenomena of French literary history from its dawning in 843 to the negative implication of the term "Dark Ages," through to the optimism of the early Renaissance in Rabelais to its decline in Montaigne. **Prerequisite:** French 320 or 321 or consent of department chairman. **Three hours per week.**

FRENCH 412. THE CLASSICAL PERIOD AND THE "AGE OF REASON" 3 hours credit
A study of the principal classical themes found in the works of Corneille, Racine, Moliere, La Fontaine, La Bruyere, La Rochefoucauld, and Montesquieu, Voltaire, Diderot, and Rousseau. **Prerequisite:** French 320 or 321 or consent of department chairman. **Three hours per week.**

FRENCH 415. ROMANTICISM, REALISM AND NATURALISM IN FRENCH LITERATURE 3 hours credit
A study of the development of romanticism from Chateaubriand to Victor Hugo as well as a detailed study of the terms "romanticism," "realism," and "naturalism" and their effect on the 19th century as seen through representative works of Stendhal, Flaubert, Balzac, and Zola. **Prerequisite:** French 320 or 321 or consent of department chairman. **Three hours per week.**

FRENCH 416. CONTEMPORARY FRENCH LITERATURE 3 hours credit
A study of contemporary ideologies and underlying currents of symbolism, surrealism, existentialism, and the "nouveau roman" through representative works of Camus, Sartre, Apollinaire, Cocteau (prose and drama) and of Proust, Gide, Butor, and Robbe-Grillet. **Prerequisite:** French 320 or 321 or consent of department chairman. **Three hours per week.**

FRENCH 480. SENIOR SEMINAR
1-3 hours credit
A course for the senior French major in which research encompassing several areas of French life and culture, language and literature is brought to bear upon a single theme or issue. **Prerequisite:** Senior Standing.

German

GERMAN 101. ELEMENTARY GERMAN
3 hours credit
A beginning course in spoken and written German with emphasis on the sound system and the basic structures of the language. **Three hours per week.**

GERMAN 105. OPTIONAL PRACTICUM CREDIT 1 hour credit
An optional credit for supplementary oral and written exercise to be done in the language laboratory or in workshop sessions to complement the work in German 101. In order to be eligible for this credit, students must be registered for German 101 or receive permission of the department chairman. **Two hours per week.**

GERMAN 102. ELEMENTARY GERMAN II
3 hours credit

A continuation of skill development in spoken and written German with further study of major structures. **Prerequisite:** German 101 or at least one year of high school German. (Satisfies Group I-B General Education Requirement.) **Three hours per week.**

GERMAN 106. OPTIONAL PRACTICUM CREDIT
1 hour credit

An optional credit for supplementary oral and written exercises to be done in the language laboratory or in workshop sessions to complement the work done in German 102. In order to be eligible for this credit, students must be registered for German 102 or receive permission of the department chairman. **Two hours per week.**

GERMAN 201. INTERMEDIATE GERMAN
3 hours credit

A course for the continued development and refinement of the language skills with emphasis on reading, writing, and vocabulary development. **Prerequisite:** German 102 or at least 2 years of high school German. (Satisfies Group I-B General Education Requirement.) **Three hours per week.**

GERMAN 205. OPTIONAL PRACTICUM CREDIT
1 hour credit

An optional credit for supplementary oral and written exercises to be done in the language laboratory or in workshop sessions to complement the work done in German 201. In order to be eligible for this credit, students must be registered for German 201 or receive permission of the department chairman. **Two hours per week.**

GERMAN 202. INTERMEDIATE AND APPLIED GERMAN
3 hours credit

A course for the continued development, refinement, and application of language skills with emphasis on reading, writing, and vocabulary development. **Prerequisite:** German 201 or at least three years of high school German. (Satisfies the language requirement.) **Three hours per week.**

GERMAN 206. OPTIONAL PRACTICUM CREDIT
1 hour credit

An optional credit for supplementary oral and written exercises to be done in the language laboratory or in workshop sessions to complement the work done in German 202. In order to be eligible for this credit, students must be registered for German 202 or receive permission of the department chairman. **Two hours per week.**

GERMAN 310. ORAL AND WRITTEN COMPOSITION
3 hours credit

A course in which students develop facility to sustain oral and written discussion in German. Students practice the basic patterns of German syntax and develop vocabulary by preparing frequent oral and written compositions. **Prerequisite:** German 202 or equivalent experience. **Three hours per week.**

GERMAN 312. GERMAN CONVERSATION
3 hours credit

A course designed to develop confidence and correctness in spoken German through practice in pronunciation, dialogues, discussions, and oral reports and presentations. **Prerequisite:** German 202 or equivalent experience. **Three hours per week.**

Spanish

A major in Spanish consists of 36 credit hours distributed as follows:

1. At least 27 hours in the language above the elementary level, including at least 6 credit hours in 400 level courses.
2. Spanish literature courses 350 and 351.
3. The linguistics course: Introduction to Language Study (English 110)

(A student who does not intend to major in Spanish studies but who completes 18 credit hours in the language, including Spanish 310 and 312, with an average of B, will receive a Certificate of Merit in Spanish.)

A major in Spanish may be combined with study in other areas in order to enhance career opportunities. The department will advise students in planning an academic program to meet individual interests and career objectives. It is especially recommended that those students planning careers in education and in government service study a second foreign language.

Students majoring in Spanish are encouraged to plan to spend some time in a Spanish-speaking country to improve their speaking abilities and to learn the target culture first hand. Credits earned through study abroad may be applied toward a major in Spanish.

SPANISH 100. SPANISH FOR PRACTICAL COMMUNICATION
3 hours credit

A course designed for students who expect to use Spanish for verbal communication in a Spanish-speaking environment. Students will learn practical vocabulary and basic phrases which will enable them to function in ordinary daily situations; in seeking information, in satisfying personal needs and in observing native courtesies. The course will enable students who travel to Spanish-speaking countries to have a more meaningful and more rewarding experience. (Does not satisfy General Education Requirement.) **Prerequisite:** None. **Three hours per week.**

SPANISH 101. ELEMENTARY SPANISH
3 hours credit

A beginning course in spoken and written Spanish with emphasis on the sound system and the basic structures of the language. **Three hours per week.**

SPANISH 105. OPTIONAL PRACTICUM CREDIT
1 hour credit

An optional credit for supplementary oral and written exercises to be done in the language laboratory or in workshop sessions to complement the work in Spanish 101. In order to be eligible for this credit, students must be registered in Spanish 101 or receive permission of the department chairman. **Two hours per week.**

SPANISH 102. ELEMENTARY SPANISH II
3 hours credit

A continuation of skill development in spoken and written Spanish with further stud of major structures. **Prerequisite:** Spanish 101 or at least one year of high school Spanish. (Satisfies Group I-B General Education Requirement.) **Three hours per week.**

SPANISH 106. OPTIONAL PRACTICUM CREDIT
1 hour credit

An optional credit for supplementary oral and written exercises to be done in the language laboratory or in workshop sessions to complement the work in Spanish 102. In order to be eligible for this credit, students must be registered in Spanish 102 or receive permission of the department chairman. **Two hours per week.**

SPANISH 201. INTERMEDIATE SPANISH
3 hours credit

A course for the continued development and refinement of the language skills with emphasis on reading, writing and vocabulary development. **Prerequisite:** Spanish 102 or at least two years of high school Spanish. (Satisfies Group I-B General Education Requirement.) **Three hours per week.**

SPANISH 205. OPTIONAL PRACTICUM CREDIT
1 hour credit

An optional credit for supplementary oral and written exercises to be done in the language laboratory or in workshop sessions to complement the work in Spanish 201. In order to be eligible for this credit, students must be registered in Spanish 201 or receive permission of the department chairman. **Two hours per week.**

SPANISH 202. INTERMEDIATE AND APPLIED SPANISH
3 hours credit

A course in which students refine and apply their language skills by exploring diverse forms of expression in Spanish. **Prerequisite:** Spanish 201 or at least three years of high school Spanish. (Satisfies the language requirement.) **Three hours per week.**

SPANISH 206. OPTIONAL PRACTICUM CREDIT
1 hour credit

An optional credit for supplementary oral and written exercises to be done in the language laboratory or in workshop sessions to complement the work in Spanish 202. In order to be eligible for this credit, students must be registered in Spanish 202 or receive permission of the department chairman. **Two hours per week.**

SPANISH 121. BILINGUALISM IN THE CLASSROOM
3 hours credit

Preparation for those in education whose work may involve contact with people from two language and cultural backgrounds: Spanish and English. Topics include cross-cultural communication; survival language skills and culturally relevant materials. (Not counted toward major.) **Three hours per week.**

SPANISH 310. ORAL AND WRITTEN COMPOSITION
3 hours credit

A course in which students develop facility to sustain oral and written discussion in Spanish. Students practice the basic patterns of Spanish syntax and develop vocabulary by preparing frequent oral and written compositions. **Prerequisite:** Spanish 202 or equivalent experience.

SPANISH 312. CONVERSATION 3 hours credit

A course designed to develop confidence and correctness in spoken Spanish through practice in conversation, reports, and discussions. **Prerequisite:** Spanish 202 or equivalent experience. **Three hours per week.**

SPANISH 315. ELEMENTS OF SPANISH CULTURE
3 hours credit

A study of the dominant cultural patterns in Spanish life including the great themes of religion, family relationships and festivals; and the dilemmas of work-leisure, sports-cruelty, honor-death, through prose, drama and other selected material. **Prerequisite:** Spanish 310 or consent of department chairman. **Three hours per week.**

SPANISH 316. ELEMENTS OF LATIN AMERICAN CULTURE
3 hours credit

A study of key cultural patterns with particular attention given to the results of the transformation of Spanish culture through its transplantation to the new world. The major vehicle of examination is the written word in prose, drama and other selected materials. **Prerequisite:** Spanish 310 or consent of department chairman. **Three hours per week.**

SPANISH 250. SPANISH FOR SOCIAL WORKERS
3 hours credit

The student learns basic Spanish expressions needed for making applications, giving instructions and administering interviews. The student also examines those cultural differences which prevent smooth relationships between the social worker and the Spanish-speaking client. (Not counted toward major.) **Three hours per week.**

SPANISH 300. TOPICS IN SPANISH
3 hours credit

A course of study of an author, period, movement, genre, or theme. Topic will vary from semester to semester. May be repeated once with new content. **Prerequisite:** Spanish 310 or permission of department chairman. **Three hours per week.**

SPANISH 320. INTRODUCTION TO LITERARY FORMS I — DRAMA AND POETRY
3 hours credit

An introduction to the formal principles underlying drama and poetry through readings and analysis of selected works. **Prerequisite:** Spanish 310 or consent of department chairman. **Three hours per week.**

SPANISH 321. INTRODUCTION TO LITERARY FORMS II — SHORT STORY AND NOVEL
3 hours credit

An introduction to the narrative techniques of the short story and the novel through readings and analysis of selected works. **Prerequisite:** Spanish 310 or consent of department chairman. **Three hours per week.**

SPANISH 401. ADVANCED SPANISH GRAMMAR AND COMPOSITION
3 hours credit

Concentrated drill on Spanish syntax and idiomatic usage combined with translation from English to Spanish and the writing of themes in Spanish. **Prerequisite:** Spanish 310 or consent of department chairman. **Three hours per week.**

SPANISH 405. SPECIAL PROBLEMS IN SPANISH
Variable 1-6 hours credit

Individual study of special areas in Spanish linguistics such as phonetics and diction; in the history and evolution of the language; or in Spanish and Latin American literature; with advice and direction from a member of the department. May be repeated by same student with new content. **Prerequisite:** Consent of department chairman.

SPANISH 412. SPANISH LITERATURE OF THE GOLDEN AGE 3 hours credit
A study of the selected masterpieces of Spanish literature of the Siglo de Oro. **Prerequisite:** Spanish 320 or 321 or consent of department chairman. **Three hours per week.**

SPANISH 415. NINETEENTH AND TWENTIETH CENTURY SPANISH LITERATURE 3 hours credit
A study of selected major works in Spanish literature of the 19th and 20th century. **Prerequisite:** Spanish 320 or 321 or consent of department chairman. **Three hours per week.**

SPANISH 417. NINETEENTH AND TWENTIETH CENTURY SPANISH AMERICAN LITERATURE 3 hours credit
A study of major works in Spanish American literature of the 19th and 20th Century. **Prerequisite:** Spanish 320 or 321 or consent of department chairman. **Three hours per week.**

SPANISH 418. CONTEMPORARY LITERATURE IN SPANISH 3 hours credit
A study of contemporary literary works in Spanish. The selection will vary from year to year. **Prerequisite:** Spanish 320 or 321 or consent of department chairman.

SPANISH 480. SENIOR SEMINAR 1-3 hours credit
A course for the senior Spanish major in which research encompassing several areas of Spanish life and culture, language and literature is brought to bear upon a single theme or issue. **Prerequisite:** Senior standing.

SPANISH 495. SPANISH FOR PROFESSIONAL AND SERVICE PERSONNEL 3 hours credit
Practical experience in spoken and written Spanish based upon study of the cultural context in which the language is used. Specific applicability for those engaged in a professional or service function requiring contact with Spanish-speaking people. (Not counted toward a major.) **Three hours per week.**

SPANISH 496. THE BILINGUAL, BICULTURAL CLASSROOM 3 hours credit
Preparation for those in education whose work may involve contact with students and parents from different language and cultural backgrounds, with emphasis on the problems and needs of the Spanish-speaking child. Studies include cross-cultural communication; survival skills in Spanish; culturally relevant materials. (Not counted toward a major.) **Three hours per week.**

Intercultural Studies

All of the following courses are taught in English and satisfy general education requirements under section 1-B. They offer all students the experience of a direct encounter with or at least a close-up exposure to a culture other than their own. Through these courses students are able to view their own cultural values in a more universal context.

ML 240. THE ITALIAN PEOPLE AND THEIR SETTING 3 hours credit
A study of the Italians, their society, culture and traditions in the geo-historical setting. The major vehicles of examination will be lecture, essays, selected literature in translation and film. **Three hours per week.**

ML 241. THE FRENCH PEOPLE 3 hours credit
A study of contemporary French culture. The peculiarities of French mentality are studied through the language, the traditions, and the customs of the people. **Three hours per week.**

ML 242. THE BLACK PEOPLE 3 hours credit
This course presents a topical approach to the understanding of Blacks. It is designed to share with the students cultural experiences, relationships, and thoughts not typically covered in other courses. **Three hours per week.**

ML 243. LATIN AMERICAN PEOPLES 3 hours credit
A cross-cultural approach to the study of the peculiarities of the Latin American character and mentality as they are reflected in the language, the traditions, and the life-style of the people. **Three hours per week.**

ML 244. THE SPANISH PEOPLE 3 hours credit
A cross-cultural approach to the study of the Spanish culture. The peculiarities of the Spanish character are studied through the language, traditions, and the life-style of the people. **Three hours per week.**

ML 245. THE GERMAN PEOPLE 3 hours credit
A cross-cultural approach to the study of the German culture. The peculiarities of the German character are studied through the language, the traditions, and the life-style of the people. **Three hours per week.**

ML 248. STUDIES IN CONTEMPORARY CULTURES 3 hours credit
A course providing opportunities for students to explore and study the ways of life and contemporary culture of peoples of the industrialized world not normally studied as a part of the fixed curriculum. The course may be repeated once under a different sub-title. **Three hours per week.**

ML 260. STUDIES IN LANGUAGE 3 hours credit
A course providing opportunities for students to explore and study languages not normally offered as a part of the fixed curriculum. The course may be repeated once under a different sub-title. **Three hours per week.**

ML 399. INTERNATIONAL FIELD STUDY 3 or 6 hours credit
An on-site study of the geography, history, and culture of selected foreign countries. Work in field is preceded by pre-tour lectures.

Literature in Translation

All of the following literature courses are taught in English and satisfy General Education Requirements under section 1-A, the literature requirement. Through these courses students are able to view another culture as it is reflected through its literature. Students will also come to appreciate the humanistic value of literature.

ML 300. STUDIES IN FRENCH LITERATURE IN TRANSLATION 3 hours credit
A course of study of an author, period, movement, genre or theme. Topic will vary from semester to semester. May be repeated once with new content and different subtitle. **Prerequisite:** English 102 or consent of department chairman. **Three hours per week.**

FRENCH 350. THE RISE AND FALL OF SENSUALITY FROM THE MIDDLE AGES TO 1700 3 hours credit
The theme of sensuality in major works from the Middle Ages to the Enlightment: medieval conflict, humanistic synthesis, classical rigidity. (Song of Roland; Lays of Marie de France; Essays-Montaigne; Gargantua-Rabelais; Racine, Corneille, Moliere.) **Prerequisite:** English 102 or consent of department chairman. **Three hours per week.**

FRENCH 351. FRENCH LITERATURE OF PROTEST IN TRANSLATION (1700-1970) 3 hours credit
A study of the emergence of France as a nation through the revolutionary literature of 1789; the intense emotionalism of the romantics; the realist observations; and the existential absurd of France today. Open to all. **Prerequisite:** English 102 or consent of department chairman. **Three hours per week.**

ML 301. STUDIES IN SPANISH LITERATURE IN TRANSLATION 3 hours credit
A course of study of an author, period, movement, genre, or theme. Topic will vary from semester to semester. May be repeated once with new content and different sub-title. **Prerequisite:** English 102 or consent of department chairman. **Three hours per week.**

SPANISH 350. THE REBEL IN SPANISH LITERATURE 3 hours credit
A survey of the classics from the Middle Ages, the Renaissance and the Golden Age. Course conducted in English and open to non-majors. Requirement for majors. **Prerequisite:** English 102 or consent of department chairman. **Three hours per week.**

SPANISH 351. THE IMAGE OF MAN IN CONTEMPORARY SPANISH AND LATIN AMERICAN LITERATURE 3 hours credit
With current Western Culture in a state of crisis, the course shows the way contemporary Spanish and Latin American authors struggle to express themselves relative to the crisis during the span of this century. Conducted in English. **Prerequisite:** English 102 or consent of department chairman. **Three hours per week.**

ML 302. COMPARATIVE LITERATURE 3 hours credit
A course focusing on a comparative study of literary works from at least 2 areas of literature in translation: French, German, Latin American, or Spanish. May be repeated once for credit with different content and different subtitle. **Prerequisite:** English 102 or consent of department chairman. **Three hours per week.**

Music

(Dept. No. 1005-Music)
(Dept. No. 1004-Applied Music and Performance)

Professor J. Fleming; Associate Professors Delpaz (Chairman), Heyde, Zeigler; Assistant Professor C. Smith; Instructors Cockey, Miller.

100. CONCERT CHOIR 1 hour credit
Provides opportunity to sing choral music of all musical periods and styles; develops musical ability and appreciation; singing ability and some understanding of musical notation required. May be repeated for credit. **Two hours per week.**

101. BAND 1 hour credit
Provides opportunity to continue instrumental training received prior to college. Fall and spring semester offers a program of concentrated study in the area of concert literature with 2 hours of rehearsal per week. May be repeated for credit.

102. JAZZ ENSEMBLE 1 hour credit
Study of style characteristics of the many elements of jazz music through performance of appropriate repertoire in the jazz medium. **Prerequisite:** Audition or approval of instructor. May be repeated for credit. **Two hours per week.**

103. CHAMBER MUSIC ENSEMBLES 1 hour credit
Study, rehearsal and performance of selected works for small ensembles, both vocal and instrumental (designated by the department for any given semester). For advanced students with prior performing experience, and for full time undergraduate students only. **Prerequisite:** Audition and approval of the instructor/department in writing. May be repeated for credit. **Two hours per week.**

104. INTRODUCTION TO MUSIC 3 hours credit
Reviews elements of music and introduces musical styles and forms from the Renaissance through twentieth century; develops understanding of music as an art and music's place in Western culture; introduces techniques of listening. **Three hours per week.**

110. MUSIC IN MAN'S ENVIRONMENT
3 hours credit

A survey course designed to heighten awareness of music as it is experienced by twentieth century Western man. A non-technical course designed for students in all disciplines. **Three hours per week.**

200. FUNDAMENTALS **3 hours credit**

Develops understanding of musical notation and skills in reading and performing music by singing, playing the piano, simple harmony, melody, and rhythm instruments and conducting. **Three hours per week.**

203, 204. THEORY I AND II **3 hours credit each**

Sight reading, ear training, written and keyboard harmony techniques applied to development of reading, part-writing and aural skills through simple chromaticism, modulation and transposition. **Prerequisite:** Music 200 or approval of instructor. **Three hours per week.**

205, 206. CLASS PIANO I AND II
2 hours credit each

Group piano instruction with individual help, to develop fundamental piano techniques and pianistic style through acquaintance with a wide variety of piano literature. Each course may be repeated once for credit. **Prerequisite:** Piano I to be a prerequisite to Piano II. Music 200 or equivalent. **Three hours per week.**

207, 208. CLASS VOICE I AND II
2 hours credit each

Introduction to vocal techniques and development of skill in singing through proper voice placement, breathing, tone production and diction. Voice I includes introduction to Italian diction and 18th century Italian song literature. Voice II includes introduction to German diction and the style of the "Lied." Other musical materials are chosen as needed. (Part of the course involves laboratory work, hence 3 class hours for 2 hours credit.) **Prerequisite:** Music 200 or consent of the instructor. Voice I to be prerequisite to Voice II. **Three hours per week.**

209, 210. CLASS GUITAR I AND II
2 hours credit each

Fundamentals of six-string guitar techniques — chords and basic classical guitar using musical notation; accompaniment styles, melodies and appropriate literature. Each course may be repeated once for credit. **Prerequisite:** Guitar I to be a prerequisite to Guitar II. Music 200 or approval of instructor. **Three hours per week.**

211. INSTRUMENTAL TECHNIQUES: STRINGS AND WOODWINDS
2 hours credit

An introduction to traditional musical instruments and their development in Western culture. The basic techniques of tone production are demonstrated and practiced. In the string family, use of the bow, pizzicato, and seating of the fingers are applied to violin and violoncello, and secondarily to viola and bass viol. In the woodwind family, proper embouchure, breathing, tonguing and slurring and proper fingering are applied to the flute and clarinet and secondarily to piccolo, low clarinets, saxophone and representative double reed instruments. **Prerequisite:** Music 200 and/or approval of instructor. **Three hours per week.**

212. INSTRUMENTAL TECHNIQUES: BRASS AND PERCUSSION **2 hours credit**

An introduction to traditional musical instruments and their development in Western culture. The basic techniques of tone production are demonstrated and practiced. In the brass family, proper embouchure, breathing, tonguing and slurring, fingering and other means of changing pitch are applied to trumpet, and trombone and secondarily to French horn, baritone and tuba; in the percussion, proper handling and playing techniques are applied to drums, cymbals, mallet-played instruments, miscellaneous percussion instruments and Latin American instruments with characteristic rhythmic activity and pattern. **Prerequisite:** Music 200 and/or approval of instructor. **Three hours per week.**

303, 304. THEORY III AND IV
4 hours credit each

Continuation of sight reading, keyboard and aural skills begun in Theory I and II, with drill in advanced melodic, harmonic, and rhythmic dictation. Detailed application to the keyboard of 4-part diotonic and chromatic harmonic patterns. Tertian harmonic progressions through secondary chords, more remote modulation and chromaticism. Theory IV includes quintile and quartile harmonies, 12-tone composition, and other prevailing 20th century techniques. **Prerequisites:** Music Theory II. **Four hours per week.**

305, 306. MUSIC HISTORY I AND II
3 hours credit each

Music from earliest times to the present, including changing theories of form and composition. Analysis and comparison of prevailing styles in music by representative composers. Music History I covers ancient music through the early Baroque, Music History II from the mature Baroque period through the present, including music of non-western cultures. **Prerequisite:** Music 104 or consent of instructor. **Three hours per week.**

307, 308. VOICE III AND IV **2 hours credit each**

Continuation of techniques begun in Voice I and II. Continued study of German Lieder, oratorio and opera. Introduction of French diction and application to French art song literature; contemporary art song literature in English. Study of program building with application to performance. Required record listening for analysis of voices. **Prerequisites:** Music 200, 207 and 208 and consent of department chairman. **Three hours per week.** (Part of the course involves laboratory work.)

310. CONDUCTING AND SCORE READING
3 hours credit

Application of basic conducting patterns in expressing a variety of styles, dynamics and tempi; analysis of conductor's score and rehearsal techniques in both choral and instrumental music. **Prerequisite:** Music 200 or equivalent. **Three hours per week.**

315, 316. CLASS PIANO III AND IV
2 hours credit each

Continuation of skills developed in Piano I and II plus keyboard harmony through simple modulation, transposition, improvisation and accompaniment techniques, and ensemble playing. (Part of the course involves laboratory work, hence 3 hours per week for 2

hours credit.) **Prerequisites:** Music 200, 205, 206 or equivalent proficiency level, as determined by instructor. Piano III a prerequisite for Piano IV. **Three hours per week.**

322. ARTS ADMINISTRATION **3 hours credit**

Principles and practices of administration in the fine and performing arts. Study of programming and budget, public relations, research techniques of audience development, fund raising, and case studies of arts organizations. **Prerequisite:** Consent of faculty representative. **Three hours per week.**

390. DIRECTED INDEPENDENT STUDY
1-3 hours credit

A tutorial course in any area of music open to students who need and are qualified to do specialized independent study in areas not covered by courses offered in any given semester. May include research in a selected musical form, composer or style, individual study and completion of specified exercises in one area of music theory or composition, or individual study of an instrument to develop specialized performance skills, all projects culminating in appropriate evaluation. Approval in writing of department chairman and supervising faculty member prior to registration, with the area of work to be specified in writing. May be repeated for a maximum of 6 credits.

400. RENAISSANCE AND BAROQUE MUSICAL STYLES **3 hours credit**

Philosophy, musical forms and styles of the period 1500-1750, study of representative vocal and instrumental music by outstanding composers of the period. **Prereq:** Music 104 or equivalent. **Three hours per week.**

401. MUSICAL STYLES OF THE 18TH AND 19TH CENTURIES **3 hours credit**

Philosophy, musical forms and styles of the period 1750-1900, study of representative vocal and instrumental music by outstanding composers of the period. **Prereq:** Music 104 or equivalent. **Three hours per week.**

403. THE HISTORY OF THE PIANOFORTE AND ITS LITERATURE **3 hours credit**

A comprehensive study of the piano and its predecessors, the course will trace the history of keyboard instruments, emphasizing the ways in which the development of the instruments interacted with the development of keyboard literature and performance practices. The course includes familiarization with the principle keyboard composers, performers, and instrument makers from earliest times to the present. **Prerequisite:** Music 200, 110, 104 or approval of instructor. **Three hours per week.**

408. MODERN MUSIC **3 hours credit**

Emergence of new developments from late romantic music through serial and electronic music, including influences of jazz and considering the effects of social forces and current world events. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

409. INTRODUCTION TO ETHNOMUSICOLOGY **3 hours credit**

The study of music of world cultures not associated with the traditional study of Western art music with emphasis on the musics of Eastern Europe, the Near, Middle, and Far East, Africa, the Pacific Islands, and native America. **Prerequisites:** Music 104 or 110 and 200 or approval of instructor. **Three hours per week.**

410. CHURCH MUSIC **3 hours credit**

Designed for the practicing or potential church musician. A practical course dealing with all aspects of the church music program. **Prerequisite:** Approval of instructor. **Three hours per week.**

411, 412. APPLIED MUSIC I AND II
3 hours credit each

An advanced course in performance techniques using a wide variety of literature. A solo recital (alone, or sharing a program with other students) encompassing music of many styles and periods is a required culmination. Students will elect one performing medium (piano or voice or organ or other instrument) and must have completed the fourth course in the sequence for that instrument as a prerequisite. Each course may be repeated for credit once. **Three hours per week and a minimum of 12 individual practice hours per week.**

416. AMERICAN MUSIC **3 hours credit**

Analysis of musical forces and styles as they reflect the nation's development and America's unique contributions to the growth of music as an art form. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

417, 418. CLASS PIANO V AND VI
2 hours credit each

Continuation of technical and performance skills from Piano IV. For students who require additional study to qualify for Applied Music or for those who wish to continue study below the Applied Music level.

422. INTERNSHIP IN ARTS ADMINISTRATION
6-12 hours credit

This course enables students to learn about arts administration as interns in arts organizations at the national, regional or local level; Art Galleries of Museums, Arts Councils, Dance Companies, Performing Arts Centers of Theatres. Work in selected areas: programming, budget, fund raising, audience development and accounting. **Pass/Fail only.** Only one of Art 422, CMAT 422, MUSC 422, or PHEC 422 may be taken for credit. **Prerequisite:** Arts Administration 322 plus consent of faculty representative in Art, Dance, Music or Theatre. **20 to 40 hours per week.**

423, 424. CLASS VOICE V AND VI **2 hours credit**

Continuation of vocal and performance skills from Voice IV. For students who require additional study to qualify for Applied Music or for those who wish to continue to study below the Applied Music level.

425. MUSICAL FORM AND ANALYSIS
3 hours credit

Study of the organizing principles of musical composition and their application to the most prevalent forms through the sonata-allegro and fugue. Analysis of music literature illustrating the basic vocal and instrumental forms, and some original composition in these forms. **Prerequisite:** Theory III (or concurrent registration with Theory III). **Three hours per week.**

426. ARRANGING FOR VOICES AND INSTRUMENTS **3 hours credit**

Fundamental techniques of scoring for various cappella and accompanied voice combinations, special characteristics of each choir of instruments, range of voices, selection of suitable literature for treatment in different ensembles, with considerations of style. **Prerequisite:** Theory IV (or concurrent registration with Theory IV). **Three hours per week.**

428. MAINSTREAMING THE SPECIAL LEARNER IN MUSIC **3 hours credit**

Consideration of types of special learners, educational requirements under the law, classroom management and musical activities adapted to special learners. Degree credit allowed for one of the following: EDUC 467, EDUC 480, or MUSIC 428. **Three hours of lecture per week.**

429. MUSIC CONCEPTS FOR EARLY CHILDHOOD **3 hours credit**

Melodic and rhythmic elements within the cognitive, physical, and aural capabilities of young children (nursery school through primary grades). Use of simple creative application to reinforce music concepts. **Prerequisite:** Music 200 or approval of instructor. **Three hours per week.**

430. MUSIC CONCEPTS FOR ELEMENTARY SCHOOL **3 hours credit**

Development of musical skills, with emphasis on part-singing, piano accompaniments, combined rhythms, conducting skills, and creative application of these skills appropriate for the elementary school. **Prerequisite:** Music 200 or consent of the instructor. **Three hours per week.**

431. MUSIC CONCEPTS IN SECONDARY SCHOOL GENERAL MUSIC **3 hours credit**

Selection and application of appropriate materials and techniques to develop musical concepts, skills, knowledge, judgment and discrimination in adolescents. **Prerequisite:** Music 200 or consent of instructor. **Three hours per week.**

435. CHORAL LITERATURE **3 hours credit**

Class investigation and evaluation of choral music for all voice combinations appropriate for elementary school through senior high school and adult ensembles. **Prerequisite:** Approval of instructor. **Three hours per week.**

440. MODERN MARCHING BAND: TECHNIQUES AND MATERIALS **3 hours credit**

A detailed work-survey of traditional marching band styles and their adaptation to current trends. **Prerequisite:** Approval of instructor. **Three hours per week.**

441. INSTRUMENTAL LITERATURE **3 hours credit**

Class investigation and evaluation of new methods and materials for bands, orchestras, and instrumental ensembles. **Prerequisite:** Approval of instructor. **Three hours per week.**

450. STUDIES IN MUSIC **3 hours credit**

Study of a single composer or musical form or performance medium or technique or topic in music education. The topic will differ from semester to semester. May be taken for credit twice. Possible prerequisite(s) listed according to topic by semester. **Three hours per week.**

490. DIRECTED INDEPENDENT STUDY **1-3 hours credit**

A tutorial course in any area of music open to seniors and graduate students. May include continuation of a skills development program begun in the lower level independent study course, or any type of individual research in music not normally included in courses offered by the department, or individual study of an area needed for teacher certification but not offered by the department in the current semester. Approval in writing of department chairman and supervising faculty member prior to registration, with the area of study to be specified in writing. May be repeated for a maximum of 6 credits.

Nursing

(Dept. No. 1203)

Professor Reid; Associate Professors Johnson, Quinn; Assistant Professors Badros, Banks, Hanna, Hoffman (Chairman), Kane, Kellam, Sidrak; Instructors Battistoni, Drewer, Farrell, Kolls, Madden, Martin, Northam, Rettew, Rodgers.

300. PROFESSIONAL NURSING CONCEPTS **6 hours credit**

The student is introduced to basic concepts and theories of professional nursing, with emphasis on the nursing process and the role of the professional nurse in health maintenance and the prevention of illness. Theories and concepts of man, society, health and nursing are integrated to provide a foundation for professional practice in a variety of health care settings. Content related to each conceptual strand of the nursing curriculum ip resented as a foundation for subsequent courses in the nursing program. **Prerequisites:** Admission to the nursing major and completion of required freshman courses. **Four hours lecture, four hours lab per week.**

312. PROFESSIONAL DEVELOPMENT IN NURSING **2 hours credit**

This course deals with topics of interest to the Registered Nurse student. The application of theory to current work settings, as well as opportunities for personal and professional development are examined from historical and future perspectives. Needs and concerns unique to the Registered Nurse student are explored. **Prerequisite:** Nursing 300, Registered Nurse students only. **Two hours per week. Spring Semester.**

315. SPECIAL TOPICS IN NURSING **Variable 1-3 hours credit**

A study of a selected area of nursing. The topic may vary from semester to semester. The course provides an opportunity for curriculum innovation or meeting the special needs or interests of students. May be repeated for credit under different subtitles. One to three hours lecture, zero to two hours lab per week.

320. NURSING I **10 hours credit**

This course focuses on the use of nursing process in structured preventive and primary care experiences to assist individuals and families to promote, maintain and regain health. As a responsible member of the nursing team, the student integrates theories from the biopsycho-social and nursing sciences relating to man, health, society and nursing. **Prerequisites:** Completion of lower division supporting courses and Nursing 300. **Six hours lecture and eight hours lab per week.**

321. NURSING II **10 hours credit**

This course focuses on the nursing care of individuals and families in need of secondary care in structured situations. Emphasis is on the use of the nursing process incorporating concepts from the biological, physical, behavioral and nursing sciences in promoting, maintaining, and regaining health. Students assume responsibility for nursing action as a member of the nursing team. The use of principles of leadership and change with individuals and families is explored. **Prerequisites:** Nursing 320, Biology 334. **Six hours lecture, eight hours lab per week. Spring Semester.**

420. NURSING III **10 hours credit**

This course focuses on the use of the nursing process with individuals, families, and groups in need of secondary and tertiary care in structured organizational situations. As a leader and change agent on the nursing team, the student integrates theories and concepts from the bio-psycho-social and nursing sciences relating to man, society, health and nursing. **Prerequisites:** Nursing 321, Psychology 405. **Six hours lecture, eight hours lab per week.**

421. NURSING IV **10 hours credit**

This course focuses on the use of the nursing process in structured and unstructured restorative and continuing care experiences to assist individuals, families and communities to promote, maintain and regain health. As a leader and a change agent on the interdisciplinary health team, the student integrates theories and concepts from the bio-psycho-social and nursing sciences relating to man, society, health and nursing. **Prerequisite:** Nursing 420. **Four hours lecture, twelve hours lab per week.**

452. ADVANCED CONCEPTS IN MENTAL HEALTH NURSING **3 hours credit**

A seminar focused on the nurse as primary therapist. Includes exploration of sexual therapy, behavior modification, family and group therapy, long-term therapy and psychiatric liaison nursing. Particular emphasis will be placed on crisis intervention in birth and death situations. **Three hours per week.**

454. HEALTH EDUCATION OF CLIENTS **3 hours credit**

Theoretical content and practical application of the principles and methodologies of effective health education of individuals, families, and groups. Emphasis is placed on the use of the teaching-learning process in assisting client adaptation and promoting quality health care. Through use of a micro-teaching laboratory the student can demonstrate and analyze a variety of teaching skills. The development of teaching plans, behavioral objectives and evaluation tools are also stressed. **Three hours per week.**

456. PHARMACOTHERAPEUTICS **3 hours credit**

Nursing interventions relating to application of pharmacotherapeutic principles in assisting client adaptation in primary, secondary, and tertiary health care settings. Special emphasis placed on drug interactions, drug dependence, toxicology. **Three hours lecture per week.**

457. CULTURAL CONSIDERATIONS IN NURSING **2 hours credit**

An exploration of the effects of culture on health and illness and client perception of nursing care. Focus is on cultural assessment and its implications for planning nursing care which promotes client and family adaptation. **Two hours per week.**

480. PHYSICAL ASSESSMENT **4 hours credit**

This course holistically approaches the evaluation of an adult client's level of wellness from biological, psychological, sociological, and cultural perspectives. Emphasis is placed on preparing students with the beginning knowledge and skills necessary to perform a physical examination. **Prerequisite:** Junior standing in the nursing program. **Three hours lecture- demonstration, two hours independent practice per week.**

490. INDEPENDENT STUDY **Variable 1-3 hours credit**

Intensive study in a specific area of nursing agreed upon by the student and faculty member. Open to senior and graduate students. This course may by taken twice under different course subtitles recorded with the registrar. **Prerequisite:** Written consent of instructor who will direct the study, chairperson of the department, and director of the Graduate Program in Nursing, if graduate credit is sought.

Philosophy

(Dept. No. 1509)

Professor Walsh; Associate Professor Kane (Chairman), Miller; Assistant Professor Cabral.

101. INTRODUCTION TO PHILOSOPHY
3 hours credit
This course invites students to participate in the activity of philosophizing. This activity involves asking and creatively responding to basic questions about human existence which are usually left unasked, e.g., is man free, what is the self, what value should we live for. **Three hours per week.**

103. CRITICAL THINKING **3 hours credit**
The course is designed to develop ability to reason effectively, to analyze problems, identify issues, critically evaluate evidence, argue logically and reach and be able to defend justifiable conclusions. **Three hours per week.**

202. INTRODUCTION TO LOGIC **3 hours credit**
This course will provide a basic introduction to logic, emphasizing modern symbolic methods. The nature of formal deductive proof will be given special attention. **Three hours per week.**

203. ETHICS **3 hours credit**
The main objective in this course is to help the student develop a personal framework for ethical action. Emphasis will be put on identification of ethical theories and applications to contemporary problems will be utilized as exercises to strengthen each student's own ethical position. **Three hours per week.**

206. CONTEMPORARY MORAL ISSUES
3 hours credit
This course examines the major moral and political problems of our age as encountered in the areas of politics, law, business, criminal justice, etc. The objective will be to develop a political and moral framework from which to analyze and evaluate the issues. **Three hours per week.**

215. PHILOSOPHICAL IMAGES OF MAN
3 hours credit
Man is the being who calls his own being into question; man relentlessly asks, "What is man?" This course will discuss and evaluate a variety of philosophical responses to this question, such as Behaviorism, Existentalism, Theism, Marxism, each of which seeks to reveal the meaning and purpose of human life. **Three hours per week.**

300. PHILOSOPHY OF ART AND BEAUTY
3 hours credit
An analysis of the complex of problems concerning the nature of beauty and artistic value. Topics include: attempts to define "The esthetically pleasing;" the role of formal and sensuous components in a work of art; the relationships of art to emotions and to intellect; the debate about the "moral" component of art; the dialogue between the artist and the beholder; the nature of value judgements and role of the critic. **Three hours per week.**

302. HISTORY OF MODERN PHILOSOPHY
3 hours credit
This course surveys the development from the Renaissance to the Nineteenth Century and includes a study of Descartes, Hume, Kant, and Hegel. **Prerequisite:** one philosophy course or consent of instructor. **Three hours per week.**

303. CONTEMPORARY PHILOSOPHY
3 hours credit
This course examines the development of contemporary thought and includes a survey of major movements such as pragmatism, linguistic philosophy, process philosophy and existentialism. **Prerequisite:** one philosophy course or consent of instructor. **Three hours per week.**

305. POLITICAL PHILOSOPHY **3 hours credit**
This course examines political reality as the public place where persons come together to speak and act, freely and equally, and thereby become more fully human. The objectives are to develop a model of political speech and action (from a dialogue with the tradition) and to apply that model to contemporary political problems. **Prerequisite:** one philosophy course or consent of instructor. **Three hours per week.**

306. METAPHYSICS **3 hours credit**
This course examines a variety of philosophical theories which try to draw a portrait of reality as a whole. These theories are evaluated in terms of their ability to respond to certain ultimate questions man raises about being, matter and the absolute. The course also considers whether it is possible for man to achieve a comprehensive knowledge of reality. **Prerequisite:** one philosophy course or consent of instructor. **Three hours per week.**

308. ANCIENT PHILOSOPHY **3 hours credit**
A study of philosophy in the Greco-Roman world from the Presocratics to the Neo-Platonists. Special emphasis on Plato and Aristotle. The study of these two philosophers occupies the greater part of the course.

309. MEDIEVAL PHILOSOPHY **3 hours credit**
The absorption of Greek philosophical concepts by Christianity, Judaism and Islam. A study of the great medieval systems constructed to strengthen revealed religions and the skeptical revolts against them. Augustine to the Medieval mystics.

310. STUDIES IN PHILOSOPHY **3 hours credit**
The content of this course varies from semester to semester. It seeks to examine in-depth a philosophical theme, the thought of an individual philosopher, a particular type of philosophizing, or a particular period in the history of philosophy. May be taken more than once under different course title. **Three hours per week.**

312. EASTERN PHILOSOPHIES **3 hours credit**
A philosophical view of four major eastern thought systems (Confucianism, Taosim, Hinduism, Buddhism), with emphasis on the problems of what it is to be a self and how the self is related to other selves, nature and a transcendent ground of being. It concludes by examining some contemporary attempts to integrate Eastern visions and concepts into Western Philosophy. **Three hours per week.**

315. LIFE AND DEATH ISSUES IN HEALTH CARE: THE ETHICAL PERSPECTIVE
3 hours credit
This course identifies, analyzes, and evaluates, from an ethical perspective, the contemporary problems that have resulted from new breakthroughs in biomedicine. Topics include the physician-patient relationship, euthanasia, experimentation, social control, genetic engineering, the health care system. The emphasis will

be on developing an ethical framework to deal with these and future biomedical issues. **Three hours per week.**

316. PHILOSOPHY AND FEMINISM
3 hours credit
This course will examine the theoretical basis of several traditions which define woman as "other" or "special" or "different from" the human standard (male), along with some of the social and personal consequences this has. It will also look at contemporary redefinitions of what it is to be female/male/human and the rights and obligations that logically follow from legal and social recognition of woman's full humanity. **Three hours per week.**

317. THE BODY AND THE SELF **3 hours credit**
This course will look at the traditional problem of mind-body dualism, which holds that the body is the source of temptation and error and that "who I am" is "what I think", and at some contemporary philosophical attemps to resolve this problem by re-analysing what it means to "have" a body. **Three hours per week.**

320. AMERICAN PHILOSOPHY **3 hours credit**
Study of major American philosophers, with emphasis on the pragmatic tradition of Pierce, Dewey, James, Mead and the contribution of contemporary American thinkers to the problems of metaphysics, value analysis and political philosophy. **Three hours per week.**

321. LOVE, MARRIAGE AND FAMILY: PHILOSOPHICAL REFLECTIONS **3 hours credit**
This course examines the nature of friendship, romantic love, parental responsibility, and the relationship of sexuality and love; special emphasis is given to the moral responsibilities involved in these areas of our lives. **Prerequisite:** None. **Three hours per week.**

325. PHILOSOPHY OF RELIGION **3 hours credit**
This course aims at understanding the nature of religious experiences by focusing on a variety of its aspects, such as worship, prayer, vocation, mysticism, secularity and the encounter with evil. **Prerequisite:** one philosophy course or consent of instructor. **Three hours per week.**

326. A PHILOSOPHY OF REVERENCE
3 hours credit
This course studies Plato's text the **Republic** and its major themes: the nature of wisdom, justice, art, good government, the soul and obedience to transcendent values. **Prerequisite:** One previous Philosophy course or consent of instructor. **Three hours lecture per week.**

328. TRAGIC AND COMIC VIEWS OF LIFE **3 hours credit**
This course examines various comic and tragic experiences and comic and tragic verdicts on life as a whole. Absurdist and religious perspectives will be emphasized. **Prerequisite:** One previous Philosophy course or consent of instructor. **Three hours lecture per week.**

330. THEORY OF KNOWLEDGE **3 hours credit**
The course examines the sources, types, methods, structure and validity of knowledge. A study is made of classical, modern and contemporary sources of meaning, truth and perception with the intent of giving the student an acquaintance with an appreciation of the scope and limits of knowledge. **Prerequisite:** one philosophy course, or consent of instructor. **Three hours per week.**

399. HONORS INTERDISCIPLINARY STUDIES **3 hours credit**
This course will examine topics of broad transdisciplinary scope and interest in conjuction with one or more other departments. It is cross-listed with departments of Sociology and Political Science and may be taken a maximum of twice with different content on each occasion. **Prerequisite:** Enrollment by permission of Honors Program Director only. **Three hours per week**

402. THE PROBLEMS OF GOD **3 hours credit**
This course involves an effort to think through ultimate questions philosophy asks about God's nature and existence. Attention will be given to a variety of themes, including the relationship between God and nature, the personhood of God, atheism, and the meaingfulness of human speech about God. **Prerequisite:** one philosophy course, or consent of instructor. **Three hours per week.**

403. EXISTENTIALISM **3 hours credit**
A close look at the basic human problems of self, God and others as seen from the Existentialist perspective. Major themes of alienation, authenticity, freedom, commitment and dread are traced from their roots in the 19th century philosophies of Kierkegaard and Nietzsche to contemporary expressions by Sartre, Camus, Heideger and Buber, et. al. **Prerequisite:** one philosophy course, or consent of instructor. **Three hours per week.**

406. PHILOSOPHY OF SCIENCE **3 hours credit**
A critical examination of the philosophical problems common to the natural sciences, such as the nature of scientific laws and theories, and problems involved in scientific explanation. **Prerequisite:** one philosophy course, or consent of instructor. **Three hours per week.**

450. PHILOSOPHICAL CONCEPTS IN LITERATURE **3 hours credit**
This course involves an examination of a philosophical theme (e.g., existentialism, tragedy) as reflected in works of literature. The theme to be treated will vary from offering to offering. **Prerequisite:** English 101, 102 and one philosophy course, or consent of instructor. **Three hours per week.**

475. SEMINAR IN PHILOSOPHY **3 hours credit**
The content of this course varies from semester to semester. It seeks to offer to advanced students in philosophy an opportunity to research and reflect on an issue or theme more thoroughly and intensely than is possible in an ordinary course. May be repeated for credit with faculty approval. **Prerequisite:** Consent of instructor. **Three hours per week.**

490. INDEPENDENT STUDY **1-3 hours credit**
A tutorial course in a specific problem of philosophy, a particular philosopher, or a particular period of philosophy. Open to junior and senior students, conditional on faculty member's consent. May be repeated for credit with faculty approval. **Three hours per week.**

Physical Education and Health

(Dept. No. 0835) (Dept. No. 1201)

Associate Professors Burroughs, Conners, Deshon, Marciani (Chairman), McGlinchey, Morrison, Stovall; Assistant Professors Cross, Lambert; Instructors Janczyk, Koehler, Martin, Weaver.

001. INTERCOLLEGIATE ATHLETICS
Non-Credit
Involves practice and participation in intercollegiate athletics. **(Hours depend on sport involved.)**

100, 200. MODIFIED ACTIVITIES 1 hour credit
Assignment is made to these courses for students with physical handicaps, in order to fulfill physical education require ents. Offered on pass/no credit basis only. **Two hours per week.**

103. SELF-DEFENSE 1 hour credit
Application of knowledges of pressure points and leverages in the protection of one's self. **Two hours per week.**

105. BEGINNING SWIMMING 1 hour credit
Fundamental skills of swimming with emphasis on basic stroke and safety techniques. **Two hours per week.**

106. PERSONALIZED HEALTH FITNESS
2 hours credit
A study and practice of the principles of physical activity. Emphases are placed on assessment of cardiovascular endurance, flexibility, muscular strength and specific programs to improve fitness levels in those areas. **One hour lecture, two hours lab.**

107. PERSONALIZED HEALTH FITNESS II
1 hour credit
This course will provide students the opportunity to explore additional physical activity experiences to achieve the health fitness goals established in PE 106, Personalized Health Fitness. **Prerequisite:** PE 106. PS/F only. **Two hours lab per week.**

120. BEGINNING ARCHERY 1 hour credit
Fundamental skills, techniques, rules and strategy of archery. **Two hours per week.**

121. BASKETBALL 1 hour credit
Fundamental skills, techniques, rules and strategy of basketball. **Two hours per week.**

122. BEGINNING FIELD HOCKEY 1 hour credit
Fundamental skills, techniques, rules and strategy of field hockey. **Two hours per week.**

123. BEGINNING GOLF 1 hour credit
Fundamental skills, techniques, rules and strategy of golf. **Two hours per week.**

124. RECREATIONAL GAMES AND SOFTBALL 1 hour credit
Fundamental skills, techniques, rules and strategy of selected games (such as shuffleboard, table tennis, bowling) and of softball. **Two hours per week.**

125. RACQUETBALL 1 hour credit
Fundamental skill development, knowledge, rules and strategies of racketball. **Two hours per week.**

126. BEGINNING TENNIS 1 hour credit
Fundamental skills, techniques, rules and strategy of tennis. **Two hours per week.**

128. TUMBLING AND BEGINNING GYMNASTICS 1 hour credit
Fundamental skills and techniques in tumbling, and introduction to gymnastics and floor exercise routines. **Two hours per week.**

131. SOCCER 1 hour credit
Fundamental skills, techniques, rules and strategy of soccer. **Two hours per week.**

133. LACROSSE 1 hour credit
Fundamental skills, techniques, rules and strategy of lacrosse. **Two hours per week.**

134. WEIGHT TRAINING AND WRESTLING
1 hour credit
Fundamental skills, techniques, rules and strategy of weight training and wrestling. **Two hours per week.**

140. BEGINNING FENCING 1 hour credit
Fundamental skills, techniques, rules and strategy of fencing. **Two hours per week.**

142. BEGINNING T'AI-CHI CH'UAN
1 hour credit
Basic principles, exercises and postures of T'ai-Chi Ch'uan. **Two hours per week.**

146. VOLLEYBALL 1 hour credit
Fundamental skills, techniques, rules and strategy of volleyball. **Two hours per week.**

147. BADMINTON 1 hour credit
Fundamental skills, techniques, rules and strategy of badminton. **Two hours per week.**

150. INTERMEDIATE TENNIS 1 hour credit
A thorough coverage of intermediate skills, strategy, rules, and scoring through participation in the sport. **Two hours per week.**

162. CONTEMPORARY DANCE I
2 hour credit
Introduction to fundamental principles and techniques for the art form of dance, and introduction to creative movement problem solving and dance appreciation. **Three hours per week.**

164. ADVANCED MODERN DANCE
1 hour credit
Advanced skills, composition and choreography. Emphasis on both individual and group performance. **Prerequisite:** P.E. 163 or equivalent. **Two hours per week.**

165. SOCIAL DANCE I 1 hour credit
Introduction to a variety of social dance rhythms and styles of social dance, including traditional ballroom dance and popular dance forms. **Two hours per week.**

166. INTERNATIONAL FOLK DANCE I
1 hour credit
Introduction to fundamental folk dance movements and trational step patterns as applied in selected folk dances. **Two hours per week.**

167. BALLET I 2 hour credit
Introduction to principles of ballet dance technique as traditionally practiced at the barre and at center floor. **Three hours per week.**

170. INTERMEDIATE SWIMMING 1 hour credit
A course designed to refine and increase the student's fundamental skills of swimming. Strokes covered will include nine styles of swimming (crawl stroke, elementary backstroke, breast stroke, sidestroke, inverted breast stroke, back crawl stroke, trudgeon, double trudgeon and trudgeon crawl) as well as the butterfly stroke. Basic diving skills will be covered. **Prerequisite:** Beginning swimming or equivalent skill level. **Two hours laboratory.**

171. INTRODUCTORY SPRINGBOARD DIVING 1 hour credit
Fundamental skills, techniques, rules and strategy of competitive springboard diving will be covered. The specific dives covered will vary to meet individual needs though all students will experience: a forward dive, back dive, inward dive, reserve dive and twisting dives. **One or two hours laboratory.**

202. SURVEY OF DANCE 2 hours credit
Basic fundamentals in modern, folk and social dance. Also, involves work in different areas of production.

205. LIFE SAVING AND WATER SAFETY
2 hours credit
This course is designed to prepare students for gaining Red Cross certification in advanced life saving and/or water safety instruction. Emphasis is on water safety instruction. **Two and one-half hours per week.**

210. SCUBA DIVING 3 hours credit
Fundamental skills, techniques, knowledge and laws of scuba diving. Emphasis on safety and recreational diving.

220. TECHNIQUES AND STRATEGIES OF ARCHERY 2 hours credit
Application of the fundamental skills, techniques and strategies of archery. An analysis of teaching methods, lesson planning and progression, history and testing procedures in archery. **Two and one-half hours per week.**

222. TECHNIQUES AND STRATEGIES OF FIELD HOCKEY 1 hour credit
Application of the fundamental skills, techniques and strategies of field hockey. An analysis of teaching methods, lesson planning, history, scoring and testing procedures as it pertains to field hockey. **Two and one-half hours per week.**

224. TECHNIQUES AND STRATEGIES OF SOFTBALL 1 hour credit
Application of the fundamental skills, techniques and strategies of the game of softball. An analysis of teaching methods, lesson planning and progression, history and testing procedures in softball. **Two and one-half hours per week.**

225. TECHNIQUES AND STRATEGIES OF SOCCER AND SPEEDBALL 1 hour credit
Application of the fundamental skills, techniques and strategies of both sports. An analysis of teaching methods, lesson planning and progression, history, scoring and testing procedures. **Two and one-half hours per week.**

226. TECHNIQUES AND STRATEGIES OF TENNIS 1 hour credit
Application of the fundamental skills, techniques and strategies of the game of tennis. An analysis of teaching methods, lesson planning and progression, history and testing procedures in tennis. **Two and one-half hours per week.**

227. TECHNIQUES AND STRATEGIES OF TRACK AND FIELD 1 hour credit
Applications of fundamental skills, techniques and rules of track and field. An analysis of teaching methods, lesson planning and progression, history, scoring of meets and testing procedures. **Two and one-half hours per week.**

228. TECHNIQUES AND STRATEGIES OF VOLLEYBALL 1 hour credit
Application of fundamental skills, techniques, rules and strategies of the game of volleyball. An analysis of teaching methods, lesson planning and progression, history, scoring and testing procedures in volleyball. **Two and one-half hours per week.**

229. TECHNIQUES AND STRATEGIES OF ADVANCED GYMNASTICS 1 hour credit
Application of basic tumbling skills and fundamentals of gymnastics. An analysis of teaching methods, lesson planning, and progression. Emphasis on advanced skills and organization. **Two and one-half hours per week.**

230. TECHNIQUES AND STRATEGIES OF BASKETBALL 1 hour credit
Application of fundamental skills techniques, rules and strategies. An analysis of teaching methods, lesson planning and progression, history, scoring and testing procedures. **Two and one-half hours per week.**

231. TECHNIQUES AND STRATEGIES OF FOOTBALL 1 hour credit
Application of fundamental skills, techniques, rules and strategy. An analysis of teaching methods, lesson planning and progression. Emphasis on advanced skills and organization. **Two and one-half hours per week.**

232. TECHNIQUES AND STRATEGIES OF BADMINTON **1 hour credit**

Application of fundamental skills, techniques, rules and strategies of badminton. An analysis of teaching methods, lesson planning and progression, history, scoring and testing procedures. **Two and one-half hours per week.**

234. TECHNIQUES AND STRATEGIES OF LACROSSE **1 hour credit**

Application of fundamental skills, techniques, rules and strategies of lacrosse. An analysis of teaching methods, lesson planning and progression. Emphasis on advanced skills and organization. **Two and one-half hours per week.**

235. TECHNIQUES AND STRATEGIES OF WRESTLING **1 hour credit**

Application of fundamental skills, techniques, rules and strategies of wrestling. An analysis of teaching methods, lesson planning and progression. Emphasis on advanced skills and organization. **Two and one-half hours per week.**

236. TECHNIQUES AND STRATEGIES OF FENCING **1 hour credit**

Application of the fundamental skills, techniques and strategies of fencing. An analysis of teaching methods, lesson planning and progression, history and testing procedures in fencing. **Two and one-half hours per week.**

240. TECHNIQUES AND STRATEGIES OF AQUATIC PROGRAMS **1 hour credit**

Application of fundamental skills in basic swimming strokes, diving skills and water safety. An analysis of teaching methods, lesson planning and progression, history, scoring and testing procedures in swimming. **Prerequisite:** Intermediate level swimming ability. **Two and one-half hours per week.**

242. T'AI-CHI CH'UAN **2 hours credit**

An introduction to the practice of an ancient Chinese system of physical culture and the Taoist philosophy on which it is based. Auxiliary exercises, the solo form, "pushing-hands" (two-person); Lao-Tzu's "Tao Te Ching."

250. INTRODUCTION TO HUMAN MOVEMENT STUDIES **3 hours credit**

An introduction to historical and philosophical perspectives of human movement. Self-assessment and value clarification in relation to human movement studies and professional services in the field will be presented.

260. PRACTICE AND THEORY OF INTERNATIONAL FOLK DANCE **1 hour credit**

Analysis and practice of dances of different nations, including the study of folk costumes and customs. Progression for teaching, teaching methods, and lesson planning. **Prerequisite:** P.E. 160 or equivalent. **Two and one-half hours per week.**

261. PRACTICE AND THEORY OF MODERN DANCE **1 hour credit**

Review of basic techniques, principles of composition, historical background, teaching methods and analysis of techniques. **Prerequisite:** P.E. 162 or equivalent. **Two and one-half hours per week.**

262. CONTEMPORARY DANCE II **2 hour credit**

Application of principles of technique and composition for the art form of dance beyond the beginning level. **Prerequisite:** P.E. 162, or consent of instructor. **Three hours per week.**

266. INTERNATIONAL FOLK DANCE II **1 hour credit**

Review and refinement of folk dance steps, patterns and formations. Application of intermediate skills in selected traditional dances. **Prerequisite:** P.E. 160, 262 or consent of instructor. **Two hours per week.**

267. BALLET II **2 hours credit**

Application of principles of ballet dance technique and vocabulary beyond the beginning level. **Three hours per week. Prerequisite:** P.E. 167, or consent of instructor.

270. ATHLETIC COACHING **2 hours credit**

Introduction to professional aspects of coaching. Emphasis on techniques and strategies of coaching athletic teams. **Two hours per week.**

271. COACHING BASEBALL **3 hours credit**

The course is to prepare a person to coach baseball from Little League through High School. This will include player selection and evaluation, skills basic to the game, analysis and development, rules, coaching techniques, common injuries, and management of resources associated with baseball. **Three hours per week.**

280. CAMPING **2 hours credit**

In the classroom and through experiences in the wilderness, the student will learn basic camping skills, the construction and proper use of equipment, and the basic wilderness survival skills. Course goals are centered around encouraging self-confidence, personal responsibility and developing an awareness of man's impact on nature. Does not fulfill Group IV General Education requirements.

302. APPLIED HUMAN KINETICS (A) **3 hours credit**

An overview of a number of individual activities and sports. Emphasis upon knowledge and competencies which prepare students to become effective teachers of physical activities.

303. APPLIED HUMAN KINETICS (B) **3 hours credit**

An overview of selected sports and activities designed for group participation. Emphasis is placed upon knowledge and competencies which prepare students to become effectual physical educators.

305. ELEMENTARY SCHOOL PHYSICAL EDUCATION **3 hours credit**

Analysis and application of Laban Theory of Movement, with kinesiological and maturation principles applied to the teaching of educational games, dance and gymnastics to the elementary school child. **Prerequisite:** PE 250. **Six hours per week.**

313. PREVENTION AND TREATMENT OF ATHLETIC INJURIES **3 hours credit**

Analysis of the importance of training in preventing injuries, diagnosis and treatment of injuries, first aid techniques and procedures. **Three hours per week.**

321. HISTORY, PRINCIPLES AND PHILOSOPHY **3 hours credit**

Analysis of the principles of physical education, with emphasis on their historical development from the basic sciences and related fields. **Prerequisite:** P.E. 250 and/or consent of instructor. **Three hours per week.**

322. ARTS ADMINISTRATION **3 hours credit**

Principles and practices of administration in the fine and performing arts. Study of programming and budget, public relations, research techniques of audience development, fund raising, and case studies of arts organizations. **Prerequisite:** Consent of faculty representative. **Three hours per week.**

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This course will provide practical experience in conceiving, teaching, setting, presenting, and evaluating individual choreography. **1 hour lecture, 2 hour lab.**

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Survey of types of individuals who could benefit from individualized physical education, with the study of corrective and recreational activities appropriate for teaching the handicapped. Teaching methods, class organization and program planning. **Prerequisite:** P.E. 250 and/or consent of instructor. **Three hours per week. Two lectures and one 1-hour lab.**

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This course examines the sociocultural issues, forces and processes which affect human movement and seeks to describe patterns of movement behavior in a variety of social settings. **Prerequisite:** P.E. 250 and/or consent of instructor.

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This course is designed to prepare students to conduct injury evaluations and to apply recommended therapeutic exercised using a variety of physical modalities such as hydrotheraphy, ultrasound, and progressive resistance exercise. **Prerequisites:** PE 313, BIOL 215, 216. **Two hours lecture, two hours lab per week.**

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432. HUMAN KINETICS I **4 hours credit**

Human Kinetics I is the first of a two course sequence designed to help students understand the physiological and kinesiological basis of human movement. Primarily a lecture-type course utilizing slides, photographs, drawings and anatomical models. Many of the concepts are also demonstrated through use of the bicycle ergometer, treadmill and other pieces of physiological apparatus. **Prerequisite:** PHEC 250 and/or consent of instructor.

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The second course in the Human Kinetics sequence will examine the structure and function of the human body and the mechanical principles affecting its movement. A brief review of the musculoskeletal system will facilitate an indepth study of how human movement occurs. Nomenclature of the body planes, axes, and movement will be presented. Cinematographical and electromyographic analysis of motion will be discussed. **Prerequisite:** PHEC 250, 432 and/or consent of instructor.

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451. PSYCHO-SOCIAL ASPECTS OF PHYSICAL EDUCATION **3 hours credit**

The interaction of physical education (sports) with the psychology and sociological development of the individual. **Prerequisite:** Psychology 210 or consent of instructor. **Three hours per week.**

455. MOTOR LEARNING **3 hours credit**
This course is devoted to the study of motor learning behavior that is oriented specifically to motor skill acquisition and performance. **Prerequisite:** P.E. 250 and/or consent of instructor.

460. DANCE WORKSHOP **3 hours credit**
Theory and practice of dance forms used in public school physical education — children's rhythmic activities, modern dance, folk, square and tap dance. Designed as a three-weeks' summer course for teachers. **Prerequisite:** Teaching experience or consent of instructor.

479. PRACTICUM **3-12 hours credit**
The Practicum is a supervised internship or field placement in the area of human movement studies which is designed to provide opportunities for experiential learning at an advanced level. Students will pursue full-time professional assignments with an agency or organization which provides services related to the students preparation in physical education. Credit for the practicum may range from 3 to 12 credits per semester, depending upon the experience. P.E. 479 may be repeated for credit, provided no more than 12 credits are earned. **Prerequisite:** Senior status or completion of core requirements.

480. SEMINAR **3 hours credit**
The physical education seminar is designed to complement the practicum experience. By allowing students to meet weekly, problems and issues encountered in the practicum may be considered by the group. More importantly, the seminar experience encourages the synthesis of theory and practice through specific assignments and exercises chosen by the instructor. **Prerequisite:** Senior status and completion of core requirements. **Three hours per week.**

481. STRESS TESTING AND EXERCISE PRESCRIPTION **3 hours credit**
This course is designed to give practical as well as theoretical knowledge about the various modes and protocols used in graded exercise testing, basic electrocardiography, and exercise prescription based on testing results. **Prerequisites:** PE 432, 433. **Three hours lecture per week.**

482. FITNESS PROGRAMS **3 hours credit**
A comparison and evaluation of the various fitness programs currently being offered by businesses, hospitals, schools, YMCA'S and community agencies. **Prerequisites:** PE 432, 433. **Three hours lecture per week.**

490. SELECTED TOPICS IN PHYSICAL EDUCATION **variable 1 to 3 hours**
Provides opportunities for short term needs and interest of students and/or faculty. Also affords avenue for curriculum experimentation and innovation. **Prerequisite:** Consent of instructor.

Health

101. BASIC HEALTH **2 hours credit**
Factors involved in maintaining and improving personal health, analysis of individual health problems. **Two hours per week.**

301. CONTEMPORARY PROBLEMS IN HEALTH EDUCATION **3 hours credit**
Designed as preparation for public school teaching in such areas as sex education, drug use and abuse, and other current health problems. Involves curriculum planning, methods, and materials. **Three hours per week.**

401. COMMUNITY HEALTH **3 hours credit**
A study of the factors involved in improving public health, including a survey of community health problems and resources, and the role of the teacher in community health. **Three hours per week.**

Physical Sciences

(Chemistry, Physics, Dual Degree-Engineering)
(Dept. No. 1901)

Professors Kundell (Chairman), Shaffer; Associate Professor Tyvoll; Assistant Professors Caton, Forney, McKenzie, Pica, Senkbeil; Lecturer Shelton.

Chemistry

(Dept. No. 1905)

107. CHEMISTRY AND MAN: A HUMANISTIC PERSPECTIVE **3 hours credit**
A study of the development of Chemistry and the impact of Chemistry on our world. Chemical principles and concepts are used to understand applications of Chemistry to our everyday lives. May not be used to satisfy course requirements within the Chemistry of Physical Science major. Not open to students who have taken Chemistry 100. General Education credit. **Three hours lecture and one two-hour laboratory per week.**

109. MAN, ENERGY, AND THE ENVIRONMENT **4 hours credit**
A study of the interaction of physical science and the environment. The objective of this course is to give the non-science student an understanding of the scientific principles which may aid him in productive citizenship in our technological society. May not be used to satisfy course requirements within the Chemistry or Physical Science majors. General Education credit. **Three hours lecture and one two-hour laboratory per week.**

121. GENERAL CHEMISTRY I **4 hours credit**
A study of fundamental laws of chemistry and atomic structure emphasizing quantitative relationships. General Education credit. **Prerequisite:** High school algebra or equivalent. **Three hours lecture and one three-hour laboratory per week.**

122. GENERAL CHEMISTRY II **4 hours credit**
A continuation of Chemistry 121, including chemical equilibrium, electrochemistry, organic chemistry, and nuclear chemistry. Laboratory work consists primarily of semi-micro qualitative analysis and some elementary quantitative determination. General Education credit. **Prerequisite:** Chemistry 121. **Three hours lecture and one three-hour laboratory per week.**

220. ENVIRONMENT AND MAN **4 hours credit**
An interdisciplinary laboratory course in conjunction with the departments of Geography and Regional Planning and Biology designed for the non-science major and is intended to develop in the student a greater awareness of the ways in which the earth's environment is influenced by man's activities as well as the effects of man's environment on human society. This course cannot be repeated for credit in the Geography or Biology Departments. **Three hours lecture, two hours lab per week.**

221. ORGANIC CHEMISTRY I **4 hours credit**
A study of the compounds of carbon including their organization, preparation, and typical reactions. **Prerequisite:** Chemistry 122.

222. ORGANIC CHEMISTRY II **4 hours credit**
A continuation of the study of organic compounds. Special topics include Hetenocyclic and Biomolecules. **Prerequisite:** Chemistry 221.

304. INORGANIC CHEMISTRY **4 hours credit**
A study of the basic theoretical concepts of inorganic chemistry with emphasis on atomic structure, bonding, reactions, and the transition elements. **Prerequisite:** Chemistry 122. **Three hours lecture and one three-hour laboratory per week.**

321. ANALYTICAL CHEMISTRY **4 hours credit**
A study of the theory and applications of classical and modern analytical techniques. Includes gravimetric, volumetric, potentiometric, spectrophotometric, and chromatographic methods. **Three one-hour lectures and one three-hour laboratories per week.**

322. QUANTITATIVE ANALYSIS **1 hour credit**
A laboratory-based course providing additional laboratory experience for Chemistry majors taking Chemistry 321. Includes volumetric and instrumental analyses not covered in Chemistry 321 lab. **Prerequisite:** Chemistry 122. **Corequisite:** Chemistry 321. **Three hours laboratory per week.**

404. SEMINAR **1 hour credit**
A seminar required of all majors in chemistry after the completion of 24 semester hours. Written and oral reports on selected topics from the literature. Meetings and consultation equivalent to one hour per week. **Prerequisite:** Twenty-four hours of chemistry.

405. ORGANIC PREPARATIONS **3 hours credit**
A study of advanced methods of preparing organic compounds. Emphasis is placed on developing the ability to use research publications and to proceed independently. **Prerequisites:** Chemistry 203, 204. **Six hours of laboratory per week and conferences with the instructor.**

407. BIOCHEMISTRY **4 hours credit**
A one-semester survey of the fundamentals of biochemistry for students of chemistry, biology and the applied health sciences. **Prerequisites:** Chemistry 203 and 204 or consent of instructor. **Three hours lecture and one three-hour laboratory per week.**

410. CHEMICAL RESEARCH **3 hours credit each**
Individual undergraduate research on approved subject under supervision of a member of the staff. A written report and seminar presentation is required. The course may be taken twice for credit. **Prerequisite:** 24 hours of chemistry and consent of instructor. **Six hours of laboratory per week and conference with the instructor.**

412. ADVANCED ORGANIC CHEMISTRY **3 hours credit**
An advanced survey of the classes of organic compounds not included in Chemistry 203 and 204. **Prerequisite:** Chemistry 204. **Three hours lecture per week.**

413. INTERNSHIP/CO-OP IN CHEMISTRY **3 hours credit**
A work experience designed to provide qualified students an apportunity to use acquired chemical knowledge in a professional way. A written report and seminar presentation is required. **Prerequisite:** 24 hours of chemistry and consent of instructor. **Six hours of work per week and conference with supervisor.**

421, 422. PHYSICAL CHEMISTRY I, II **3 hours credit each**
A comprehensive study of the fundamental concepts of physical chemistry. **Prerequisites:** Mathematics 201, 202, Physics 204, and Chemistry 122 or consent of the instructor. Chemistry 421 taught only in fall of odd years. Chemistry 422 taught only in spring of even years. **Three hours lecture per week.**

423. EXPERIMENTAL PHYSICAL CHEMISTRY I **2 hours credit**
A laboratory and report writing course emphasizing classical experiments in physical chemistry. Taught only in fall of odd years. **Pre- or co-requisite:** Chemistry 421. **Two hours lecture and two hours laboratory per week.**

424. EXPERIMENTAL PHYSICAL CHEMISTRY II **2 hours credit**
A laboratory-based course emphasizing the theory and applications of modern instrumental methods. Taught only in spring of even years. **Pre- or co-requisite:** Chemistry 422. **Two hours lecture and two hours laboratory per week.**

499. SPECIAL TOPICS IN CHEMISTRY **3 hours credit**
A study of a specific area of chemistry. The topic will vary from semester to semester. The course may be taken twice for credit. **Three hours lecture per week or lab-lecture equivalent.**

Dual Degree Engineering

(Dept. No. 0999)

101. ENGINEERING GRAPHICS 2 hours credit
This course will introduce the student to the procedures and tools of engineering drawing. Visualizing in three dimensions and expressing ideas graphically are covered. **One hour lecture, three hours lab per week.**

110. STATICS 3 hours credit
The equilibrium of stationary bodies under the influence of various kinds of forces. Forces, moments, couples, equilibrium, trusses, frames and machines, centroids, moment of inertia, beams, and friction. Vector and scalar methods are used to solve problems. **Prerequisite:** MATH 201.

221. DYNAMICS 3 hours credit
Systems of heavy particles and rigid bodies at rest and in motion. Force acceleration, work energy and impulse-momentum relationships. Motion of one body relative to another in a plane and in space. **Prerequisites:** MATH 202 and PHYSICS 204.

Physics

(Dept. No. 1902)

100. INTRODUCTION TO PHYSICS 4 hours credit
A one-semester survey course in physics intended for the non-science major. The course will cover selected topics in elementary physics. By means of laboratory experiences, it is also intended to develop familiarity with science materials, equipment, laboratory techniques and procedures. Not open to students with credit in Physics 121 or 221. May not be used to satisfy course requirements within the Chemistry or Physical Science major. General Education credit. **Three hours lecture and one two-hour laboratory per week.**

106. INTRODUCTION TO ASTRONOMY 3 hours credit
This course stresses the main ideas of physical science in their relation to the universe. Topics covered include universal gravitation; the origin and evolution of the stars, sun, planets and nuclear processes in the stars. General Education IIIA credit only when taken with Physics 107. **Three hours lecture per week.**

107. OBSERVATIONAL ASTRONOMY 1 hour credit
Introductory course in observational astronomy intended to supplement Physics 106. Emphasis is on the use of various tools of astronomy to study celestial objects. This includes work with telescopes, a planetarium, a spectrograph, and other optical components. General Education IIIA credit only when taken with Physics 106 prerequisite or corequisite. **Prerequisite or Corequisite:** Physics 106. **One two hour laboratory per week.**

121. GENERAL PHYSICS I 4 hours credit
Elementary course designed to give a broad exposure to the laws of physics. Major topics are classical mechanics, fluids, and waves. General Education credit. **Prerequisite:** Two years of high school algebra or equivalent. **Three hours lecture and one three-hour discussion/laboratory per week.**

123. GENERAL PHYSICS II 4 hours credit
Elementary course designed to give a broad exposure to the laws of physics. Major topics are heat, electricity, magnetism, optics, and modern physics. General Education credit. **Prerequisite:** Two years of high school algebra or equivalent. **Three hours lecture and one three-hour discussion/laboratory per week.**

221. PHYSICS I — MECHANICS 4 hours credit
Introductory course in mechanics using the calculus and vector notations. **Prerequisites:** Mathematics 201 or consent of instructor. **Three hours lecture and one three-hour discussion/laboratory per week.**

223. PHYSICS II — ELECTRICITY AND MAGNETISM 4 hours credit
Introductory course in electricity and magnetism using the calculus and vector notations. **Prerequisites:** Physics 221, Mathematics 202 or consent of instructor. **Three hours lecture and one three-hour discussion/laboratory per week.**

311. ELECTRICAL CIRCUITS AND ELECTRONICS 4 hours credit
An introduction to modern electronics. Major topics will include AC and DC circuit analysis, digital integrated circuits, and transistor and operational amplifiers. Lab experiments will emphasize the proper use of basic electronic instruments and modern semiconductor components. **Prerequisite:** Physics 204. **Lecture three hours, lab 1 hour per week.**

312. PHYSICS III — OPTICS, WAVE MOTION, AND HEAT 4 hours credit
Introductory course in wave motion, light, heat, sound, and kinetic theory using the calculus and vector notations. **Prerequisites:** Physics 203, Mathematics 202, or consent of instructor. **Three hours lecture and one two-hour laboratory per week.**

313. INTRODUCTORY MODERN PHYSICS 4 hours credit
Emphasizes modern developments in physics. Major topics are special relativity, uncertainty principle, photoelectric effect, and introductory atomic and nuclear physics. **Prerequisite:** Physics 203 or consent of instructor. **Three hours lecture and one two-hour laboratory per week.**

314. CLASSICAL PHYSICS I 3 hours credit
Presents classical topics using more sophisticated mathematical methods. Materials primarily drawn from the areas of mechanics, thermodynamics, statistical mechanics and kinetic theory. **Prerequisite:** Physics 204 or consent of instructor. **Three hours lecture per week.**

315. CLASSICAL PHYSICS II 3 hours credit
Presents classical topics using more sophisticated mathematical methods. Material primarily drawn from the areas of electricity, magnetism, and wave motion. **Prerequisite:** Physics 314. **Three hours lecture per week.**

316. INTRODUCTORY QUANTUM MECHANICS 3 hours credit
Introduces the wave mechanical approach to modern physics. Major topics are the Schroedinger equation, spectroscopy, and atomic and nuclear structure. **Prerequisites:** Physics 313, 315, or consent of instructor. **Three hours lecture per week.**

321. ANALOG ELECTRONICS 4 hours credit
A study of analog electronic devices and systems. Major topics will include linear and nonlinear models, amplifiers, filters, and electromechanical and optoelectronic devices. Laboratory experiments will concentrate on transistors, operational amplifiers, and modern linear integrated circuits. **Three lecture hours per week and three lab hours per week.**

322. DIGITAL ELECTRONICS 4 hours credit
A presentation of the basic concepts of digital electronics, with emphasis on modern TTL and CMOS integrated circuits. Topics of study will include gates, combinational and sequential logic circuits, fliplops, counters, shift registers, multiplexers, decoders, oscillators, and microprocessors. Laboratory exercises will include building logic circuits, using digital test equipment and fabricating printed circuit boards. **Three lecture hours per week and three lab hours per week.**

411. MICROPROCESSOR ARCHITECTURE 4 hours credit
A study of the basic architecture and design of common integrated circuit microprocessor. Emphasis is placed on the electrical operating characteristics, supporting electronics, interfacing and instruction sets. Laboratory exercises will include study of the bus structures, timing, addressing and input/output of one or more microprocessors. Simple machine language routines will be developed. **Prerequisite:** Physics 322. **Two lecture hours per week and 4 lab hours per week.**

412. MICROCOMPUTER INTERFACING 4 hours credit
This is an advanced study in techniques of interfacing microcomputers to monitor and control external devices. Topics will include: parallel and serial ports; analog-to-digital and digital-to- analog converters; measurement of temperature, light and motion; motor control; telecommunications. Laboratory experiments will include building interfaces and developing the associated software. **Prerequisite:** PHYS 411. **Two lecture hours per week and four lab hours per week.**

475. RESEARCH IN MICROCOMPUTER PHYSICS 2-4 hours credit
The student will work on an individual research project involving the practical application of microcomputers to an actual problem in the lab or a local business. This may involve advanced study of interfacing and/or software development, and is intended to provide challenges similar to those faced in industrial situations. Topics include computer aided design (CAD) or manufacture (CAM), process control, robotics, and environmental monitoring. A written report and seminar presentation is required.

499. SPECIAL TOPICS IN PHYSICS 3 hours credit
A study of a specific area of physics. The topic will vary from semester to semester. The course may be taken twice for credit. **Three hours lecture per week, or lab-lecture equivalent.**

Political Science

(Dept. No. 2207)

Professor Basehart (Chairman); Assistant Professors Cashman and O'Loughlin.

099. AMERICAN GOVERNMENT SURVEY 3 hours credit
This course focuses on the basic characteristics of American government and politics. The constitutional background and contempory role of Congress, the Presidency and Supreme Court will be discussed in detail. Contributions and limitations of political parties, interest groups and public opinion will be noted. Offered on a S/F basis for internal credit only; credit does not apply toward graduation. **Three hours per week.**

101. INTRODUCTION TO POLITICS AND GOVERNMENT 3 hours credit
An introduction to the study of political science that discusses the nature of politics, the role of government in society, and the processes involved in the governing of man. **Three hours per week.**

110. AMERICAN NATIONAL GOVERNMENT 3 hours credit
A comprehensive examination of the American political process which discusses the role of the constitution, the organization and function of the Presidency, Congress, Supreme Court, political parties and interest groups and the distribution of power within American society. **Three hours per week.**

200. POLITICAL IDEOLOGIES 3 hours credit
This course seeks to provide students with an analysis of political ideologies, emphasizing their role as both justifications for and radical critiques of existing social, economic, and political structures and processes. The course covers a number of ideologies, including fascism, liberalism, socialism, and communism. **Three hours per week.**

202. STATE GOVERNMENT IN THE UNITED STATES 3 hours credit
A study of the similarities and differences in state political systems and public policies. The effect of the national government on the nature of contemporary state politics will be of particular interest. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

204. TOPICS IN POLITICAL SCIENCE
3 hours credit
An analysis of recent international or national issues which will help students understand the complex political environment in which we live. This course may be taken twice under different course titles recorded with the registrar. **Three hours per week.**

210. INTRODUCTION TO INTERNATIONAL RELATIONS 3 hours credit
This course will introduce students to several current problems in world affairs: wars, revolutions, nuclear proliferation, the oil crisis, conflicts between east and west and north and south. Processes for resolving these problems will also be discussed: balance of power alliances, arms control, international law, diplomatic negotiation, and the use of the United Nations. **Three hours per week.**

215. AMERICAN FOREIGN POLICY
3 hours credit
This course emphasizes 3 areas of foreign policy: (1) the individuals, organizations and procedures involved in foreign policy making; (2) the major approaches of US foreign policy; and (3) current issues. **Three hours per week.**

220. PUBLIC ADMINISTRATION AND BUREAUCRATIC POLITICS 3 hours credit
This course seeks to provide students with an understanding of the basic characteristics of modern American governmental bureaucracies. The course also offers an analysis of some of the important issues which public administrators face in administering organizations. **Three hours per week.**

301. POLITICAL PARTIES AND PRESSURE GROUPS 3 hours credit
A descriptive and analytical examination of American political parties and pressure groups with attention given to political socialization and voting behavior. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

308. METHODS OF POLITICAL ANALYSIS
3 hours credit
A discussion of source materials, research techniques and the critical evaluation of accomplished research. An analysis of different theoretical approaches to the study of politics will be included. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

310. COMPARATIVE EUROPEAN GOVERNMENT 3 hours credit
A comparative study of the governmental systems, political processes, leadership, political parties, and current political issues in Britain, France and the Soviet Union. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

311. COMPARATIVE GOVERNMENT OF DEVELOPING NATIONS 3 hours credit
A comparative study of the historical backgrounds, ideological foundations, leadership, opposition groups, political processes and current issues in the governmental systems of selected developing countries. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

315. THE PRESIDENCY IN AMERICAN POLITICS 3 hours credit
The major purpose of this course is to provide an opportunity for students to develop a deeper understanding of the American Presidency's relationship to other governmental and non- governmental institutions in the American political system. Particular attention is paid to the implications and consequences of these relationships for democratic society. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

320. PUBLIC POLICY ANALYSIS 3 hours credit
This course is an in-depth study of the governmental decision making process within the American federal government. The course is intended to provide students with a parsimonious explanation or theory of the primary governmental activities associated with the basic steps in the policy making process. Some of these steps include policy formulation, implementation, and evaluation. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

330. AMERICAN CONSTITUTIONAL DEVELOPMENT 3 hours credit
The principles, nature, and meaning of the U.S. Constitution as determined by the holdings and opinions of the Supreme Court. Emphasis upon the historical development of the Constitution, and including also a study and analysis of the U.S. Court system, judicial review, separation of powers, commerce powers, powers of Congress and of the President, development of civil liberties and civil rights, with special attention to U.S. Bill of Rights, 14th Amendment. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

340. POLITICAL SCIENCE INTERNSHIP
3-9 hours credit
This course enables students to learn about political behavior and policy problems as a participant-observer in a government organization at the national, state, or local level. **Prerequisite:** Political Science 101 or 110. Course can be taken on a Pass/No Credit basis only. Permission of instructor is required.

341. POLITICAL SCIENCE INTERNSHIP SEMINAR 3 hours credit
The purpose of this course is to place an intern's work experience into a broader, analytical perspective. This will be done by a thorough examination of existing research on the relevant governmental agency, by relating the findings of this research to the intern's experiences and through the intern's personal research. This course is designed to be taken with Political Science 340. Permission of the instructor is required. **Prerequisite:** Political Science 101 or 110.

399. HONORS INTERDISCIPLINARY
3 hours credit
This course will examine topics of broad trans- disciplinary scope and interest in conjunction with one or more other departments. **3 hours per week.**

401. POLITICAL THEORY 3 hours credit
A survey of political thought based on the analysis of ideas of leading ancient, medieval, and modern theorists including the historical setting of major theories, their impact on political institutions and social changes, and their contemporary signification. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

402. AMERICAN POLITICAL THEORY
3 hours credit
A survey of the political concepts of the leading American theorists and the impact of these concepts on the American society from the colonial period to the present. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

409. THEORY OF INTERNATIONAL RELATIONS: CONFLICT AND WAR
3 hours credit
This course is designed to acquaint students with the major theories of international relations, especially those concerned with explaining international conflict. The major questions to be studied are: Why do nations go to war? How can war be prevented? Once war is begun, how can it be limited and terminated? **Three hours per week.**

411. INTERNATIONAL LAW 3 hours credit
A survey of the general principles and special rules of international law as well as its recent trends and its relations to other aspects of international affairs. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

412. GOVERNMENT AND POLITICS OF LATIN AMERICA 3 hours credit
A comparative study of politics and governments in selected countries in Latin America. **Three hours per week.**

415. SOVIET FOREIGN POLICY 3 hours credit
A study of the trends, developments and major issues in Soviet foreign policy. An attempt will be made to address the historical background and the ideological foundations of Soviet foreign policy as well as the domestic political factors which have shaped Soviet foreign relations. **Prerequisite:** Political Science 310 or History 424 or permission of instructor. **Three hours per week.**

430. THE CONGRESS IN AMERICAN POLITICS 3 hours credit
Analysis of the structural characteristics and functions of the United States Congress. Factors influencing congressional decision making and the importance of Congress in the American political process will be discussed. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

431. LOCAL GOVERNMENT IN THE UNITED STATES 3 hours credit
An examination of county, metropolitan and municipal governments with emphasis on a description of these political subsystems, their place in the federal system, and the relationship between the socio-economic environment, governmental structure and public policy. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

480. STUDIES IN POLITICAL SCIENCE
3 hours credit
An intensive study of a specialized area of inquiry within the major subfields of political science: American government, international relations, comparative government, political theory and public policy. This course may be taken twice under different titles recorded with the Registrar. **Prerequisites:** Political Science 101 or 110 and 9 hours of upper level political science. **Three hours per week.**

490. INDIVIDUAL RESEARCH 3 hours credit
An opportunity to pursue in-depth an aspect of political behavior that is of special interest to the student. Emphasis is on the development of an original research problem and the collection and analysis of relevant data. **Prerequisites:** Political Science 308 or History 330 and 9 hours of upper level political science courses.

Psychology

(Dept. No. 2001)

Professors Delaney (Chairman), Anderson, Graff, Ulm, Whitehead; Associate Professors Gallagher, Stovall, Van Every, Zweig; Assistant Professor Hopson; Instructor White.

210. GENERAL PSYCHOLOGY 3 hours credit
A survey of general principles underlying human behavior including study of the nervous system, perception, learning, emotion and personality. Experimental findings are applied to practical situations. **Three hours per week.**

211. ADVANCED GENERAL PSYCHOLOGY
3 hours credit
A course designed primarily for psychology majors; intended to provide an in-depth overview of the field through intensive reading and critical discussion. **Prerequisite:** Psychology 210. **Three hours per week.**

215. PSYCHOLOGY APPLIED TO DAILY LIVING 3 hours credit
Designed to help students use psychology in their everyday life so that they may understand and influence their own behavior and the behavior of others. Methods and techniques of behavior change will be discussed. **Prerequisite:** Psychology 210. **Three hours per week.**

220. PSYCHOLOGICAL STATISTICS
3 hours credit
Methods of design of psychological experiments and analysis of data. **Prerequisite or Corequisite:** Psychology 211. **Three hours per week.**

300. DEVELOPMENTAL PSYCHOLOGY
3 hours credit
A study of human growth and development from conception through old age. Major emphasis is placed on the processes of psychological growth and their environmental determinants. **Prerequisite:** Psychology 210 or consent of instructor. Psychology 300 and Psychology 320 may not both be taken for credit. **Three hours per week.**

304. EXPERIMENTAL PSYCHOLOGY
4 hours credit
Study of the experimental method and its application to psychological research in both animals and humans. **Prerequisite:** Psychology 211 and 220. **Three hours lecture and two hours laboratory per week.**

305. PSYCHOLOGY OF LEARNING
3 hours credit
A survey of the basic experimental facts and research related to learning. **Prerequisite:** Psychology 211. **Three hours per week.**

306. SOCIAL PSYCHOLOGY 3 hours credit
Study of group behavior of humans with emphasis on the relation of the individual to the group. Mass reaction and judgement, group control, and group influence on the individual are considered. **Prerequisite:** Psychology 210 and 211. **Three hours per week.**

310. INDUSTRIAL PSYCHOLOGY 3 hours credit
A survey of the application of psychological theory, techniques and research to business and industry. Topics such as personnel selection, training efficiency, job satisfaction and morale, safety and design equipment, consumer psychology, and others will be considered. **Three hours per week.**

320. PSYCHOLOGY OF INFANCY AND CHILDHOOD 3 hours credit
An intensive study of human development from conception to adolescence. Major emphasis is placed on patterns of the normal or typical child. **Prerequisite:** Psychology 210. Psychology 300 and Psychology 320 may not both be taken for credit. **Three hours per week.**

321. PSYCHOLOGY OF ADOLESCENCE
3 hours credit
A study of physical, intellectual, emotional, and social development of the adolescent. **Prerequisite:** Psychology 210. **Three hours per week.**

323. PSYCHOLOGY OF DEATH and DYING
3 hours credit
Exploration of attitudes, behaviors related to death. Topics include: the dying patient, suicide, bereavement, ethical issues, the funeral, etc. Emphasis is on developing an understanding of self and death. **Prerequisites:** Psychology 210.

333. EFFECTIVE PARENTING 3 hours credit
This course is designed to offer practical techniques for dealing with children; to teach effective communication with children of all ages; to provide techniques to cope with inappropriate behavior in children. **Prerequisite:** Psychology 210. **Three hours per week.**

334. PSYCHOLOGY OF WOMEN 3 hours credit
This course is concerned with sex roles, sex differences, the causes of psychological problems of women, and some methods of coping with the rapidly changing roles of both men and women. **Three hours per week.**

340. VERBAL LEARNING 3 hours credit
A review of theory and research on the learning of verbal materials. Consideration will be given to serial and paired associate learning, verbal discrimination, and transfer. **Prerequisite:** Psychology 305. **Three hours per week.**

350. SENSATION AND PERCEPTION
4 hours credit
A study of sensory and perceptual systems of the human, covering all senses, but with emphasis on vision. Perception is treated from a physiological, behavioral and cognitive point of view. **Prerequisite:** Psychology 210 and 211. **Three hours lecture and one two-hour laboratory per week.**

403. MEASUREMENT AND EVALUATION OF PSYCHOLOGY 3 hours credit
A coverage of correlational techniques, reliability and validity. Psychological tests and questionnaires are considered in terms of their measurement assumptions and utility. **Prerequisite:** Psychology 220 or consent of instructor. **Three hours per week.**

405. ABNORMAL PSYCHOLOGY 3 hours credit
A survey of the etiology, diagnosis and prognosis of neuroses, psychoses, psychosomatic disorders, transient situational maladjustments, and personality disorders. Included will be a discussion of various treatment approaches. **Prerequisite:** Psychology 210. **Three hours per week.**

406. PSYCHOLOGY OF ATTITUDES AND ATTITUDE CHANGE 3 hours credit
This course is concerned with how attitudes are formed, measured, and changed. Emphasis will be placed on the classical theories and on new approaches to attitude formulation and change. **Prerequisite:** Psychology 306 or consent of instructor. **Three hours per week.**

407. PSYCHOLOGY OF PERSONALITY
3 hours credit
A survey of major theoretical approaches to the origin and development of human personality. **Prerequisite:** Psychology 210. **Three hours per week.**

408. HISTORY AND SYSTEMS IN PSYCHOLOGY 3 hours credit
Study of basic integrating theories of psychology. **Prerequisite:** Psychology 211, 405 or 407 or consent of instructor. **Three hours per week.**

409. ENVIRONMENTAL PSYCHOLOGY
3 hours credit
A study of the effects of the environment on human behavior. Consideration will be given to such topics as organizational structure and climate, architecture, population density, and urban stress. **Prerequisite:** Psychology 210. **Three hours per week.**

412. PHYSIOLOGICAL PSYCHOLOGY
3 hours credit
The investigation of morphological, neurochemical, and physiological bases of behavior. **Prerequisite:** Psychology 211 or consent of instructor. **Three hours per week.**

415. MOTIVATION AND EMOTION
3 hours credit
A survey of experimental findings and theory of processes that energize and direct behavior. **Prerequisite:** Psychology 210, 211. **Three hours per week.**

422. PSYCHOLOGY OF AGING 3 hours credit
A study of selected topics in human development from early adulthood to senescence. **Prerequisite:** Psychology 210. **Three hours per week.**

423. PSYCHOLOGY OF THE EXCEPTIONAL CHILD 3 hours credit
A study of children who vary from the norm including the gifted, physically handicapped, mentally handicapped, socially handicapped, emotionally disturbed. **Prerequisite:** Psychology 300 or Psychology 320 or Education 300 or consent of the instructor. **Three hours per week.**

425. PSYCHOLOGY PRACTICUM 3 hours credit
A course designed to provide the psychology major with actual training experience in a variety of clinical settings. May be taken twice. **Prerequisites:** 15 hours in psychology and consent of instructor. **Three hours per week.**

430. LEARNING THEORY AND ITS APPLICATION 3 hours credit
A course designed to acquaint students with the theoretical base and experimental data to support a united approach to human learning. This course will also provide the student with the direct applicability of learning theory to the education of the individual. **Prerequisite:** Education 300, Psychology 210, 211 (or equivalent) or consent of the instructor. **Three hours per week.**

435. BEHAVIORAL SELF-CONTROL
3 hours credit
A study of learning-based procedures for the self-management of behavior. Major areas of study include contingency management principles, behavioral observation, and recording, operational definitions of behavior, reliability statements, and procedures for evaluating any self-management program. **Prerequisite:** Psychology 211. **Three hours per week.**

444. BASIC HELPING RELATIONSHIPS
3 hours credit
Designed to provide students with both background and skills in the use of dyadic relationship for promoting the personal growth and development of clients they will see in their future work. The course will emphasize three basic components involved in being a helper: (1) an understanding of yourself; (2) some knowledge of helping skills; and (3) experience in applying these skills. Two hours lecture and three hours laboratory per week. **Prerequisites:** Psychology 210 and 211.

460. INTRODUCTION TO CLINICAL PSYCHOLOGY 3 hours credit
A comparative study of the theories and practices in the treatment of mental and emotional disorders. Included are the most commonly employed analytical, neoanalytical and behavioral systems of clinical psychology as well as a survey of psychodiagnostic materials. **Prerequisite:** Psychology 210 or consent of the instructor. **Three hours per week.**

462. BEHAVIOR MODIFICATION IN BUSINESS AND INDUSTRY 3 hours credit
A behavioral analysis of problems and topics taken from current business and industry journals. Additional emphasis on procedures used in leadership effectiveness programs. **Prerequisite:** Psychology 210. **Three hours per week.**

465. PRINCIPLES AND TECHNIQUES OF GROUP THERAPY 3 hours credit
A study of principles and techniques of group counseling/psychotherapy and their application. Includes a review of the psychological and historical development of group therapy and a study of the pertinent research. Discussions and role-playing are important elements of this course. **Prerequisite:** Advanced standing. **Three hours per week.**

468. THE PSYCHOLOGY OF MENTAL RETARDATION 3 hours credit
A study of the symptoms, causes, diagnosis, assessment, and treatment of mental retardation. **Prerequisite:** Psychology 210 or consent of the instructor. **Three hours per week.**

480. DYNAMICS OF INDIVIDUAL BEHAVIOR
3 hours credit
A study of the psychosocial factors which underlie human behavior, with emphasis on the family atmosphere. **Prerequisite:** Psychology 210. **Three hours credit.**

490. INDIVIDUAL DIRECTED STUDY
1-3 hours credit
A course designed to enable advanced students to pursue through observation, experimentation, or library research a topic of their choosing. May be taken more than once for a maximum of six credits. **Prerequisite:** Consent of the department chairman.

495. SELECTED TOPICS IN PSYCHOLOGY
1-3 hours credit
Intensive study in a psychological therapeutic technique, person, developmental period, or theory. May be repeated in different areas of study, but for no more than six hours credit.

Respiratory Therapy

(Dept. No. 1297)

Assistant Professor Wiberg (Chairman); Clinical Professors Layton, Nagel (Medical Directors); Instructor C. Whitfield (Clinical Coordinator).

110. INTRODUCTION TO RESPIRATORY THERAPY **1 credit hour**

To introduce the student to Respiratory Care as a career choice with emphasis on the role and practices of respiratory therapists in the health care setting. History, organization and clinical agencies will also be covered.

210. FOUNDATION STUDIES IN RESPIRATORY THERAPY **3 credit hours**

An introduction to the profession of Respiratory Therapy with emphasis on the physiologic basis of respiratory care. Covers basic principles, procedures, and practices utilized in the respiratory care profession.

301. PATIENT CARE PROCEDURES **3 credit hours**

This course is an introduction to basic respiratory therapy procedures commonly utilized in providing patient care. The opportunity for practicing selected skills is provided in the Respiratory Therapy and Nursing Learning Laboratories.

302. BASIC RESPIRATORY PROCEDURES/CLINICAL PRACTICUM **7 credit hours**

A one semester course designed to provide the student both the theoretical background and the basic skills necessary for the application of medical gases; aerosol and humidity therapy; chest physiotherapy; airway management; incentive spirometry; intermittent positive pressure breathing; arterial blood gases; and cleaning and sterilization. Supervised experience and (14) hours clinical work per week.

303. CARDIOPULMONARY PHYSIOLOGY **3 credit hours**

A comprehensive study in cardiopulmonary and renal physiology with emphasis on fluid and electrolyte balance, carbon dioxide and oxygen transport, acid-base regulation, and the clinical significance of each. **Three hours of lecture per week.**

321. ADVANCED RESPIRATORY CARE **4 credit hours**

An in-depth course covering a series of topics related to respiratory therapy in the critical care setting and supported by supervised independent study opportunities and laboratory experience. Major emphasis is on mechanical ventilation, cardiopulmonary monitoring, and cardiopulmonary assessment.

322. PHARMACOLOGY **3 credit hours**

An investigation of pharmaceutical preparations employed in current medical practice with emphasis of those relevant to the respiratory care practitioner.

323. CLINICAL PRACTICUM II **8 credit hours**

Supervised clinical experience in a variety of critical and non-critical care settings designed to reinforce primary skills and develop secondary skills necessary for the practice of modern respiratory care.

401. NEONATAL AND PEDIATRIC RESPIRATORY CARE **3 credit hours**

A survey of current techniques employed in the respiratory treatment of children from birth through adolescence. Special attention is given to neonatal physiology and abnormalities requiring respiratory care and the pulmonary significance of select childhood diseases.

402. CARDIOPULMONARY DIAGNOSTICS AND REHABILITATION **4 credit hours**

A four unit comprehensive study of the theory and technique of pulmonary diagnostic procedures, interpretations and clinical applications. A final unit provides an overview of rehabilitative respiratory care techniques.

403. CLINICAL PRACTICUM III **6 credit hours**

Supervised clinical experience in critical care settings with special rotations through areas focusing on intensive care techniques and neonatal/pediatric respiratory care.

404. LEADERSHIP AND MANAGEMENT IN RESPIRATORY CARE **3 credit hours**

A one semester course which prepares the student for the leadership and managerial challenges encountered by the therapist in health care organizations. Areas covered include: managerial theory, personnel interviewing, selection and maintenance, quality control, audits, and budget preparation.

420. RESPIRATORY CARE SEMINAR **3 credit hours**

A series of presentations on the pathophysiology of diseases affecting the cardiopulmonary system with attention given to common treatment. Small group discussion, case studies, and frequent physician input allows the student an opportunity to test treatment ideas, challenge current regimes, and appreciate the importance of appropriate respiratory care.

421. DIRECTED INDEPENDENT STUDY **2 credit hours**

Faculty guided independent study of an aspect of respiratory care in which the student has developed special interest. The student will select an area of study to pursue with faculty guidance.

422. MANAGEMENT SPECIALIZATION **4 credit hours**

Faculty guided clinical practice in respiratory care department administration. Special emphasis on medical legal aspects, employee scheduling, J.C.A.H. standards and audits, budget preparation and maintenance, and employee conferences. Skills are refined in collaboration with Respiratory Care Departments of the clinical affiliates.

423. EDUCATION SPECIALIZATION **4 credit hours**

Faculty guided experience in didactic and clinical instruction and departmental in-service education. Formulated and presentation of lecture programs and program evaluations are required. Skills are refined in collaboration with the Respiratory Care Departments of the clinical affiliates.

424. CRITICAL CARE SPECIALIZATION **4 credit hours**

Faculty guided clinical experience in critical care areas designed to refine skills in patient assessment, data collection, and clinical decision making. Patient rounds with pulmonary specialist, cardiologist, and anesthetist are included.

425. DIAGNOSTICS SPECIALIZATION **4 credit hours**

Faculty guided clinical experience in diagnostic laboratory settings. Emphasis placed on sophisticated pulmonary function studies, cardiac catherterization, and ventilation/perfusion scanning.

Social Science

(Dept. No. 2201)

Professors Page (Chairman); and faculty members of the departments of economics, geography, history, political science, and sociology.

300. SOCIAL SCIENCE-INTERN PROGRAM **3 hours credit**

A work-study program with the primary emphasis on practical experiences to be learned while working with some governmental or community agency on the local, state, or national level. **Prerequisite:** Junior or senior class standing with a major in history, political science, sociology, or social science and approval of directors.

400. CURRENT PROBLEMS **3 hours credit**

A study is made of either general or special topics of our times. The topics are considered from the historic aspect and the present social and cultural setting in which they occur. **Three hours per week.**

499. HONORS **3 hours credit**

Independent study, research and conferences undertaken by social science majors for department honors at the invitation of the department. This course may not be taken on a Pass/No Credit basis. **Prerequisite:** Approval of the department. Students must have completed 21 hours of work in social science and have at least a 3.5 average in social science.

Social Work

(Dept. No. 2104)

Associate Professors Aldrich, Long, Morris, Tossey (Chairman); Instructor Cherry.

271. INTRODUCTION TO SOCIAL WELFARE AND SOCIAL WORK **3 hours credit**

Introduction to, and examination of, social work as a human service profession based on a knowledge base, values, methods and history. Special focus will be given to the various social service agencies and the client populations they serve. There is an emphasis on each student's recognition of his/her own philosophies, values and potential abilities as helping professional. Forty hours of volunteer activities in human services agencies. **Three hours per week.**

310. SOCIAL WORK WITH THE AGED **3 hours credit**

A study of the aged in our society and of the programs and policies designed to help solve their problems. The course will also include a review of social work practice skills in providing direct service to the aged. **Three hours per week.**

371. SOCIAL WELFARE POLICY **3 hours credit**

Study of social welfare in the United States and other selected societies; a philosophical and political base underlying societal approaches to fulfillment of common human needs in various segments of American society; overview of contemporary programs and services; analysis of policies; issues and problems; evaluation of programs and services for effectiveness. **Prerequisite:** Social Work 271 or consent of instructor. **Three hours per week.**

375. HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT **3 hours credit**

Interrelationship of biological and psychosocial development and cultural experiences in family, small groups and community in influencing human behavior. Focus of study in social systems approach and application to practice situations. **Prerequisites:** Social Work 271, Biology 101, Psychology 210, Sociology 211 or consent of instructor. **Three hours per week.**

380. SOCIAL WORK RESEARCH AND PROGRAM EVALUATION **3 hours credit**

An introduction to the methods of empirical and evaluation research most often used by social workers in developing a body of knowledge for the profession. Emphasis will be placed on utilization of scientific methodology for advancing the provision of human services. **Prerequisite:** Social Work 271, recommended Math 113 or 114, Social Work major, or consent of instructor. **Three hours per week.**

410. ALCOHOL AND DRUGS: IMPLICATIONS FOR HUMAN SERVICES **3 hours credit**

A course focusing on the various forms of alcohol and drug use with an emphasis on the stages of harmful dependence and addiction. There will be an examination of our social and legal responses to these drugs and their users, as well as, approaches to treatment, rehabilitation and prevention. **Prerequisite:** Social Work 375 or consent of instructor. **Three hours per week.**

420. COMMUNITY ORGANIZATION: STRATEGIES FOR CHANGE 3 hours credit
A study of various methods of social intervention utilized in promoting the development of community action systems in dealing with social problems. Focus will be on the role of the social worker, the interactional processes and the impact on social institutions. **Prerequisite:** Social Work 271 or consent of the instructor. **Three hours per week.**

430. BLACK COMMUNITY 3 hours credit
A study in the structure and functioning of the Black Community; its cultural base, and adaptation in contemporary America. Focus is placed on community institutions, formation of identity, self image within the community; the communities' relationship to the wider society, and implications for intervention by helping professions. **Prerequisite:** Social Work 375 or consent of instructor. **Three hours per week.**

450. HUMAN SERVICES WITH CHILDREN 3 hours credit
Practice course focused on systems that serve children: day care, foster care, adoptions, protective services, group care. A review and analysis of process, evaluation, trends, financing, techniques. **Prerequisite:** Social Work 271 or consent of the instructor. **Three hours per week.**

460. SOCIAL WORK IN CORRECTIONS SYSTEMS 3 hours credit
Social work interventions in a variety of correctional settings: jails, reformatories, group homes, half-way houses. Focus is on professional role in court and correctional processes in institutional and community based programs. **Prerequisite:** Social Work 271 or consent of the instructor. **Three hours per week.**

471. SOCIAL WORK METHODS I 3 hours credit
Formulation of a common base for social work practice; utilization of interviewing and communication to develop helping relationships; identifying social worker roles and modes of intervention based upon application of social work and social science knowledge. **Prerequisite:** Social Work 375 or consent of the instructor. **Three hours per week.**

472. SOCIAL WORK METHODS II 3 hours credit
Development of modes of intervention with individual, family, group and community selection; implementation and evaluation of modes of intervention to stabilize, develop and enhance social functioning of individuals, family and groups. To be taken concurrently with Social Work 473. **Prerequisite:** Social Work 471 or consent of the instructor. **Three hours per week.**

473. FIELD INSTRUCTION IN SOCIAL WORK I 6 hours credit
Social work practice experience achieved through placement and participation in a community service or program; available only to students approved for social intervention. Emphasis will be placed upon use of observation, communication, interviewing, and utilization of community resources so that these skills and concepts may become significant for the student as a practitioner. Taken concurrently with Social Work 472. **Prerequisite:** Social Work 471 and approval by the department. The department reserves the right to limit registration. The field experience may be terminated any time the student is not performing satisfactorily. **15 hours of field experience per week plus weekly conferences with faculty advisor.**

475. FIELD INSTRUCTION IN SOCIAL WORK II 6 hours credit
Continuation of direct experience in the delivery of social services with assigned agency and increased emphasis on relationship and interaction, data collection and assessment, treatment, termination and evaluation. To be taken concurrently with Social Work 477. **Prerequisite:** Social Work 473 and approval by the department. The department reserves the right to limit registration. The field experience may be terminated any time the student is not performing satisfactorily. **15 hours of field experience per week plus weekly conferences with faculty advisor.**

477. SOCIAL WELFARE-SOCIAL WORK SEMINAR 3 hours credit
Integration of human needs, ethical issues of intervention, values and necessity for practical solutions to social problems discovered in the field experience; exploration of current concerns within the social work profession and in selected practice across disciplines; dilemmas and problems in social welfare programs and services. To be taken concurrently with Social Work 475. **Prerequisite:** Social Work 473 or consent of the instructor.

480. HUMAN SERVICE IN RURAL SETTINGS 3 hours credit
An examination of the social ecology of the rural community, the formal and informal human service delivery systems, and the network of existing and potential community resources. Special emphasis will focus on understanding the need for development of a broad range of social work practice skills. **Prerequisite:** Social Work 271 or consent of the instructor. **Three hours per week.**

481. SOCIAL WORK IN SPECIAL SETTINGS 3 hours credit
Social work concepts, methods and program development in selected settings such as school, medical, family welfare settings; study of setting; review and analyze organizational arrangements for social work practice in these settings. **Prerequisite:** Social Work 271 or consent of the instructor. **Three hours per week.**

482. SOCIAL WORK WITH MINORITY GROUPS 3 hours credit
Social work concepts, methods, values, commitments to program development for minority groups such as handicapped, women, migrant workers, etc.; a careful look at subcultures, situational and significant organizational arrangements for social work practice with these groups. **Prerequisite:** Social Work 271 or consent of the instructor. **Three hours per week.**

484. SOCIAL WORK AND THE LAW 3 hours credit
The study of family, social welfare, and consumer law. The legal authority of social agencies and their power to make rules; and guidelines for court testimony and on rules of evidence will be included in the course of study. **Prerequisite:** Social Work 271 or consent of the instructor. **Three hours per week.**

485. HONORS: ADMINISTRATION AND SUPERVISION IN HUMAN SERVICES 3 hours credit
The course covers various aspects of supervision and administration in human service agencies. **Prerequisite:** Invitation by the Social Work Department. **Three hours per week.**

490. INDIVIDUAL DIRECTED STUDY 1-3 hours credit
A course designed to enable advanced students to pursue a topic of their own choosing. This will be done with the guidance and supervision of the faculty and should not duplicate any course already offered by the department. **Prerequisite:** Senior standing.

492. SOCIAL GROUP WORK 3 hours credit
This course is designed to examine theories and practice models of social group work. Three group models will be studied: Reciprocal, remedial, and social-goals. Content includes: stages of development, goal orientation in groups; group problem-solving; leadership roles; and the role of the facilitator. Course is not open to students who have taken S.W. 499. **Prerequisite:** S.W. 375, equivalent or consent of instructor. **Three hours per week.**

495. FAMILY INTERVENTION 3 hours credit
A course in family practice which takes a systematic and structural view of the family. Study will focus on internal and external factors which influence family function and/or dysfunction. Content includes: family developmental life cycle; member roles; implications of family history; violence in the family; skills and techniques in analyzing relationship patterns and structures. Interventive choices will also be explored. Course is not open to students who have taken S.W. 499. **Prerequisites:** S.W. 375, equivalent or consent of instructor. **Three hours per week.**

Sociology and Anthropology

(Dept. No. 2208)

Professors Bosserman, Lade, Talbot; Associate Professor Cipolla; Assistant Professors Pappas, Steffes (Chairman).

211. PRINCIPLES OF SOCIOLOGY 3 hours credit
Identification and analysis of basic concepts of sociology, with study of inter-relatedness of structures, systems and institutions, and recognition of the social processes by which society evolves. **Three hours per week.**

212. CULTURAL ANTHROPOLOGY 3 hours credit
An analysis of the concept of culture as man's social heritage through the study of small-scale societies and their institutions. Focuses on the anthropologist's dependence on the participant-observation method and the techniques developed by anthropologists for systematically ordering field data into a body of knowledge concerning human behavioral similarities and diversities. Includes a general introduction to the entire field of anthropology. **Three hours per week.**

214. SOCIAL PROBLEMS 3 hours credit
Analysis of selected social problems in contemporary society. Emphasis upon the sociological understanding of the process by which social problems are defined. **Three hours per week.**

215. PRIMITIVE RELIGION 3 hours credit
Beliefs and rituals of primitive man who saw himself deeply affected by gods or other supernatural powers. Magic and witchcraft and shamanic practices among peoples of the world. An anthropological approach. **Three hours per week.**

216. SEX ROLES 3 hours credit
A study of the social positions and expectations assigned to people on the basis of sex. Stresses the central place of sex roles in social organization and considers the implications of any major role changes. **Three hours per week.**

217. SOCIAL MOVEMENTS 3 hours credit
An in-depth look at such contemporary social movements as the Black Muslims, Gay Liberation, the Women's Movement, the aged, youth, and the radical right. **Three hours per week.**

250. THE ARCHAELOGY OF ANCIENT SOCIETIES 3 hours credit
Excavation techniques and scientific methods for interpreting the evolution of ancient societies are discussed. Evidence for the surviving record of human societies is examined beginning with the lower palaeolithic cultures and ending with historic times. An introduction to the use of computer and satellite technology for locating sites is included with some opportunity for student involvement in current research. May not be taken by students who have completed 350. **Three hours per week.**

300. LEISURE IN SOCIETY 3 hours credit
An introduction to the impact of technology and other social forces on work and non-work time. Emphasis on conceptions of leisure, what people do in leisure, who has free time from work. Opportunities for field studies and critical assessment of current research. **Three hours per week.**

301. STUDIES IN SOCIOLOGY AND ANTHROPOLOGY 3 hours credit
Selected areas in varied subfields of sociology and anthropology. May be repeated under different subtitles. **Three hours per week.**

304. SOCIAL INEQUALITY 3 hours credit
An analysis of the variety of class and rank structures found in both past and contemporary societies. Special attention focused on the determinants of social class as well as the related issues of social mobility and changes in class position of both individuals and groups. Addi-

tional emphasis placed on identifying both attitudinal and behavioral consequences of class position. **Three hours per week.**

305. SOCIOLOGY OF LAW 3 hours credit
A study of formal legal statements as communications both reflecting and influencing life in society. Selected examples of the conflict between legality and social reality, with attention to both substantive and procedural issues of law; consideration of possible solutions. **Three hours per week.**

309. SOCIAL RESEARCH I 3 hours credit
An introduction to methods of research in the social sciences. Emphasis on research design, including formulation of questions, conceptualization, measurement, and sampling. Involvement in practical research activity. **Three hours per week.**

312. COMPLEX ORGANIZATION 3 hours credit
Analysis of the emergence of modern bureaucratic structure, emphasizing institutionalization, patterns of authority and impact on personality. **Three hours per week.**

314. RACIAL AND CULTURAL MINORITIES 3 hours credit
A study of ethnic differences that produce prejudice, stereotypes, and discrimination, and the social processes employed by dominant and minority groups. **Three hours per week.**

315. URBAN SOCIOLOGY 3 hours credit
A study of the origin, character and significance of urban communities. The course analyses the ecology and social organization of cities, the phenomenon of urban and metropolitan development, and the resulting life styles, problems and trends. **Three hours per week.**

316. THE FAMILY 3 hours credit
Consideration of the family as a socially recognized intimate group with a significant place in the life of the individual and society. Emphasis on the impact of changing social conditions on sexuality, love, marriage, parenthood, childhood, and other dimensions of intimate relationships. **Three hours per week.**

317. CRIME AND DELINQUENCY 3 hours credit
Consideration of crime and delinquency as forms of deviant behavior, examination of social causes, social reactions, and applicable sociological theories. **Three hours per week.**

318. SOCIOLOGY OF RELIGION 3 hours credit
Examination of man's quest for religious meaning as a social activity with social consequences. Considers the place of religion in different kinds of societies, past, present and future. **Three hours per week.**

319. SOCIAL CHANGE AND SOCIAL PLANNING 3 hours credit
Explores why whole societies like the U.S. change. Compares contemporary industrial and developing countries by critically examining classical and current theories of socio-cultural change. Considers strategies for purposive changing of a society. **Three hours per week.**

324. COMMUNITY SOCIOLOGY 3 hours credit
An investigation of communities as social systems emphasizing current directions in community research. **Three hours per week.**

329. THE SOCIOLOGY OF HEALTH AND ILLNESS 3 hours credit
The study of social factors involved in health and illness emphasizing the institution of medicine in American society. **Three hours per week.**

330. DEATH, DISEASE AND SOCIETY 3 hours credit
An analysis of changing patterns of causation and distribution of death and disease. Major emphasis is given to the study of suicide and homicide. **Three hours per week.**

334. SOCIOLOGY OF MENTAL DISORDERS 3 hours credit
The study of socio-cultural factors in mental health and illness emphasizing social causation and patterns of distribution. **Three hours per week.**

335. SYSTEMS OF HEALTH CARE DELIVERY 3 hours credit
An analysis of the institution of health care and its delivery. Major emphasis upon the diversity of organization in this institution in differing social systems. **Three hours per week.**

340. AGING AND SOCIETY 3 hours credit
This course examines the aging process from the sociological perspective. Major emphasis is given to the position of the elderly in contemporary society. Also, some attention will be directed toward an understanding of the age-roles associated with various positions within the chronological process of aging. For example, childhood, adolescence, adulthood, and old age will be investigated. **Three hours per week.**

351. PHYSICAL ANTHROPOLOGY 3 hours credit
An overview of one of the major sub-disciplines of anthropology. Deals with human evolution, the human fossil record, non-human primate ethology, and the social implications of human biological variation. May not be taken by students who have completed 350. **Three hours per week.**

355. THE NORTH AMERICAN INDIAN 3 hours credit
American Indian cultures north of Mexico; origins; patterns of adaptation; religious, social and ideological systems. A review of ethnographic accounts of traditional Indian life ways; reservation life and its aftermath. **Three hours per week.**

399. HONORS INTERDISCIPLINARY STUDIES 3 hours credit
This course will examine topics of broad transdisciplinary scope and interest in conjunction with one or more other departments. It is cross-listed with the departments of Philosophy and Political Science and may be taken a maximum of twice with different content on each occasion. **Prerequisite:** Enrollment by permission of the Honors Program Director only. **Three hours per week.**

409. SOCIOLOGY OF EDUCATION 3 hours credit
Analysis of public education as a bureaucratic social institution, the countervailing community power structure and the professional role of the educator. **Three hours per week.**

410. SOCIAL RESEARCH II 4 hours credit
Further training in methods of research in the social sciences. Emphasis on data analysis, including organization of data for computer processing, hypothesis-testing, and simple causal modeling. **Prerequisite:** Sociology 309 or consent of the instructor. **Three 1-hour lectures and one 2-hour laboratory per week.**

415. SENIOR SEMINAR 3 hours credit
Seminar experience for senior students with emphasis on social theory, problems, and research. **Prerequisite:** 15 hours of sociology and anthropology or consent of instructor. **Three hours per week.**

416. INDIVIDUAL DIRECTED STUDY 3 hours credit
Advanced study in an area of sociology and anthropology. May be repeated once under a different subtitle. **Prerequisite:** Consent of the instructor who will direct the study. **Three hours per week.**

421. DEVELOPMENT OF SOCIAL THOUGHT 3 hours credit
An analysis of the historical antecedents and contemporary profiles of sociological theory emphasizing major figures and dominant paradigms. **Prerequisite:** Sociology 211 or consent of the instructor. **Three hours per week.**

422. CONTEMPORARY SOCIOLOGICAL THEORY 3 hours credit
An analysis of the current state and future directions of sociological theory. **Prerequisite:** Sociology 211 or consent of the instructor. **Three hours per week.**

452. COMPARATIVE CULTURES 3 hours credit
Cross-cultural survey of primitive societies with emphasis on human social differences and their meaning. Africa, Asia, North and South America, Oceania. This course will focus on cultural diversity of mankind concentrating on varying marital, religious, economic, family, and social patterns. **Prerequisite:** Sociology 212 or consent of the instructor. **Three hours per week.**

459. SEMINAR IN ANTHROPOLOGY: SELECTED TOPICS 3 hours credit
Individual and group study of selected topics from the four subdisciplines of anthropology (cultural anthropology, physical anthropology, linguistic anthropology, archaeology). May be repeated once under a different subtitle. **Prerequisite:** Sociology 212 and 350. **Three hours per week.**

460. RESEARCH PRATICUM 3 hours credit
This course applies social research methods to a specific research project. Project work includes hypothesis formulation, research design, data collection and data analysis. **Prerequisite:** Sociology 309 or consent of instructor. **Three hours per week.**

495. INDEPENDENT STUDY FOR DEPARTMENT HONORS 3 hours credit
Independent study undertaken for departmental honors at the invitation of the department. **Prerequisite:** Approval of chairman and consent of the instructor who will direct the study.

499. SPECIAL TOPICS 3 hours credit
Number reserved for courses approved as an experimental response to student interest or community need. May be repeated once under a different subtitle. **Prerequisite:** Sociology 211 or consent of instructor. **Three hours per week.**

Spanish

(See Modern Language page 144)

Statistics

(See Mathematical Sciences page 139)

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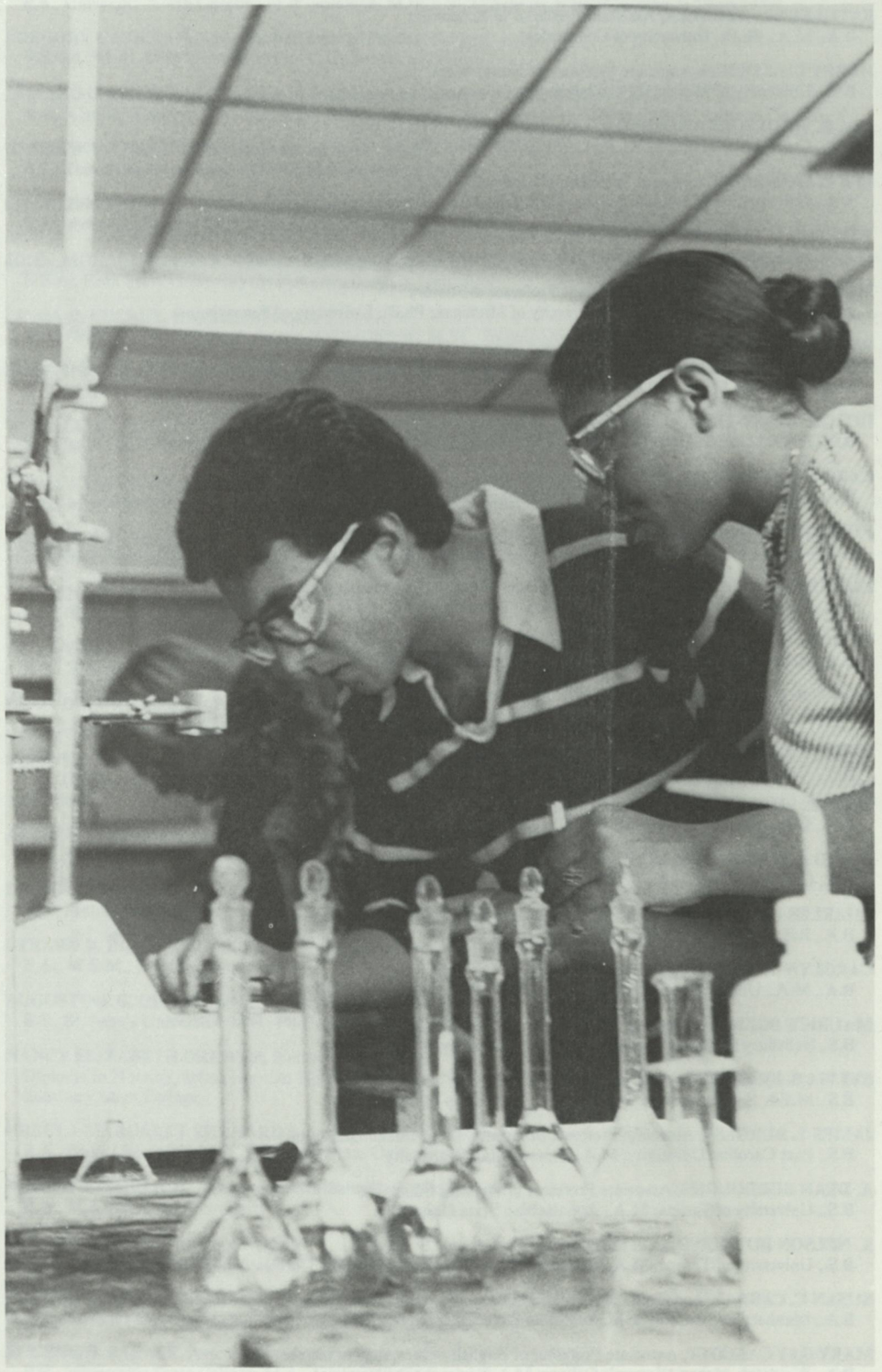

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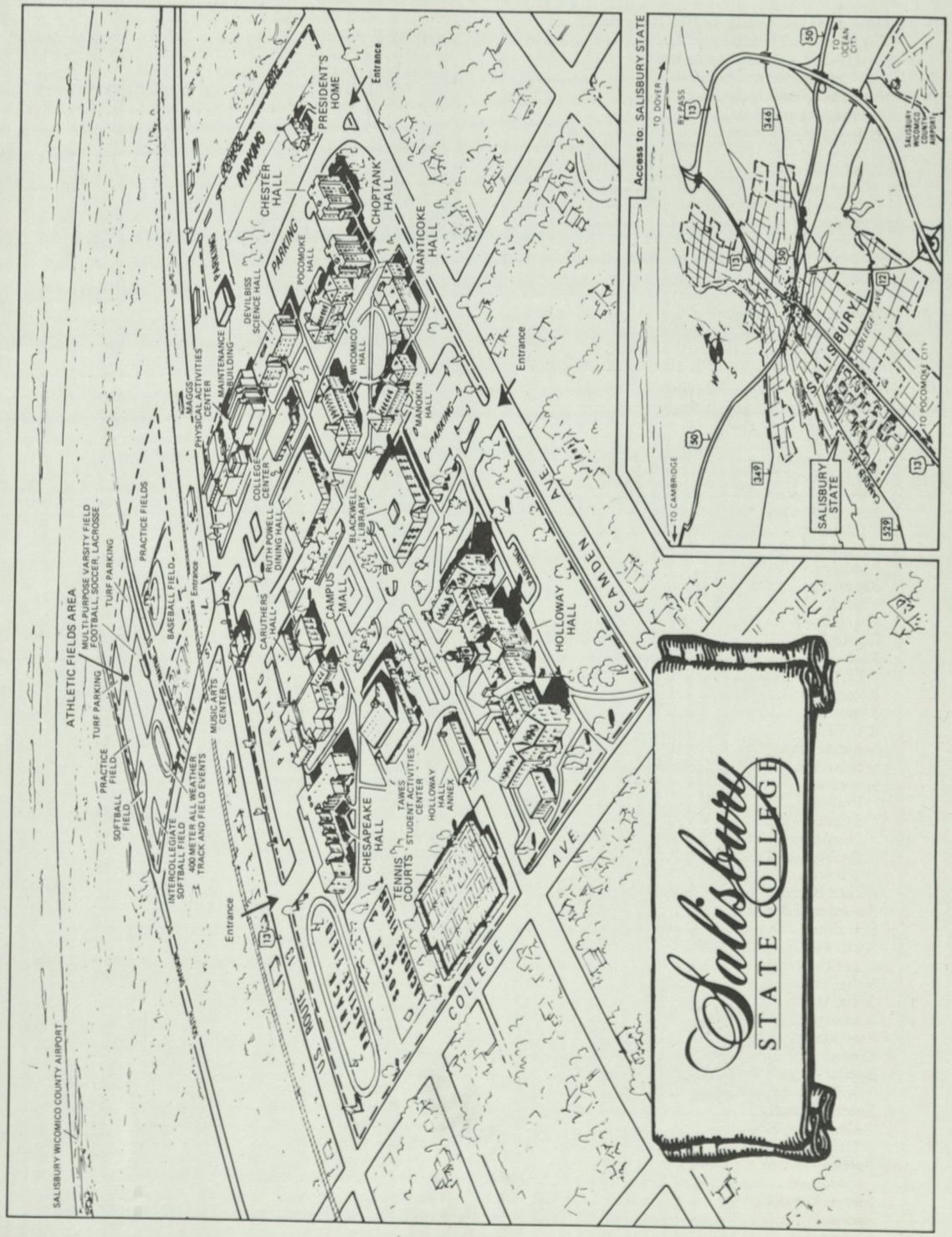
INDEX

Absence Notification 44
Academic Advising 53
Academic Calendar 6
Academic Dismissal 55
Academic Dishonesty 56
  Procedure for Handling Cases 56
Academic Policies and Procedures 46
Academic Probation 55
Academic Services 59
  Developmental Studies Program 59
  Graduate Record Exams 59
  Honors Program 59
  Math Center 59
  Reading Center 59
  Transcripts 60
  Tutoring 59
  Writing Center 59
Academic Units and Programs 65
Accounting 65, 106
Accreditation 3
Activities, Student 36
Adding Course (General Regulations Governing Registration) 52
Adjunct Faculty 186
Administration 175
Admission Computational Aid 12
Admission General Information 12
Admissions Policies and Procedures 12
Advanced Placement 52
  CEEB 52
  CLEP 51
  Department Challenge 52
  High School 52
  Military Education 52
Aid, Financial 28
Alumni Association 44
Alumni Officers 44
American Studies 71, 107
Anthropology and Sociology 86, 171
Application for Degrees 57
Art 71, 107
Art Gallery 10
Athletic Eligibilty 34
Athletics 34
Attendance 53
Auditing of Courses 54
  Continuing Education 21
  Grade Definition 46
Bachelor's Degree 57
Biological Sciences 98, 110
Board of Visitors 174
Board of Trustees of the State Universities and Colleges of Maryland 174
Book Lockers 33
Book Store (Book Rack) 33
Buildings 10
Business Administration 66, 113
Campus Visitation 12
Career Planning and Placement 33
Car Registration 34
Challenge Examinations 52
Change of Curriculum and Major 53
Chemistry 104, 160
Class Attendance 53
Classification of Students 47
Clubs and Organizations 36
College 9
College Book Store (Book Rack) 33
College Center 33
College Curricula 61
College Expenses 24
College Gallery 10
College Judicial System 44
College Level Examination Program (CLEP) 51
College Map 191
College Mission Statement 9
College Writing Proficiency Requirement 52
Communication Arts 72, 115
Computer Center 10
Computer Science 100, 119
Continuing Education 21
Continuing Education Unit (CEU) 21
Cooperative Program with State Colleges and Universities 50
Correspondence 2
Costs 24
Counseling Services 32
Course-by-Course Evaluation of Transfer Credit 49
Courses of Instruction 106
Course Load 46
Credit by Examination 51
  Advanced Placement Program 52
  College Entrance Examination Board 52
  College Level Examination Program (CLEP) 51
  Department Challenge Examination 52
  Salisbury State High School Advanced Placement Program 52
  Military Education Credit 52
Credit Exchange Program with University of Maryland Eastern Shore 50
Credit Hours 46
Data Processing 120
Dean's List 54
Declaration of a Major 53
Deficiency Reports, Midsemester 55
Degrees, Application 57
Degree Programs 61
Degree Requirements 57
Department of Public Safety 34
Departmental Challenge Examinations 52
Deregistration 53
Developmental Studies 59
Disabled Students 43
Dishonesty, Academic 56
  Procedure for Handling Cases 56
Dismissal, Academic 55
Division of Graduate Study 21
Domicile, defined 19
Dormitory Accommodations 11
Double Major 58
Drop/Add Period 52
Dropping Courses (General Regulations Governing Registration) 52
Dual Degree Engineering Program 50, 162
Dual Degree Program - SSC/UMES 51
Duplication of Course Content 54
Early Admission 14
Economics 69, 120
Education 92, 122
  Elementary Education 93
  Secondary Education 94
Elementary Education 93
Eligibility for Refunds 26
Employment (Work-Experience Prog) 44
EMERITI 187
Engineering, Dual Degree Program 50
English 73, 127
Equal Opportunity Policy 2
Examinations, Undergraduate and Graduate Record 59
Exit Interview 56
Expenses 24
Facilities 10
Faculty 178
  Adjunct 186
  Emeriti 187
Family Educational Rights and Privacy Act 2
Fees 25
  Board 25
  College Center 25
  General 25
  Graduation 25
  Late Registration 25
  Lodging 25, 26
Financial Aid 28
  Application 28
  College Aid Programs 29
  Disbursement 28
  Federal Aid-Pell Grant 29
Food Service 35
Fraternities 42
French 79, 144
Freshmen Orientation Course 54
Freshman Testing 14
Full-time student 47
General Education Course Requirements 61
General Studies 131
Geography and Regional Planning 101, 132
Geology (see Geography) 135
German 145
Gerontology (Interdisciplinery Minor) 63
Grade Point Average for Graduation with Honors 55
Grade Point System 47
Grading System 46
Graduate Courses/Program ..... (See Graduate Catalogue)
Graduate Record Exams 59
Graduate Study 21
Graduation Requirements 58
  Student Responsibility 57
Graduation with Honors 55
Grants 29
Greek Governance Systems 43
Health Center 11, 32
Health Courses 160
Health Education 32
Health Services 32
High School Equivalence Diploma 14
History 75, 135
History (of the College) 9
Honors 59
  Dean's List 54
  Grade Point Average for Graduation Honors 55
  Graduation with Honors 55
  Honor's Convocation 43
  Honor's Program 59
Honor Societies 40
Housing 35
Housing Deposit 26
I-D Cards 34
Immigrant Student Admissions 14
Incomplete Grade 46
Institute for Retired Persons 22
Inter-collegiate Athletics 34
Intercultural Studies 148
Interdisciplinary Minors 62
  Comparative Literature 62
  Gerontology 63
  Planning 63
International Students 43
Intramural Recreation 34
Job Placement Services 33
Leisure Studies 94, 139
Liberal Studies 77
Library 10
Load, Course 46
Loans 29
Location 10
Major, Change of 53
Majors 62
  Accounting 65
  Art 71
  Biology 98
  Business Administration 66
  Chemistry 104
  Communication Arts 72
  Computer Science 100
  Economics 69
  Elementary Education 93
  English 73
  French 79
  Geography 101
  Health 96
  History 75
  Leisure Studies 94
  Liberal Studies 77
  Mathematical Sciences 102
  Medical Technology 89
  Modern Language and Intercultural Studies 78
  Music 80
  Nursing 87
  Philosophy 81
  Physical Education 96
  Physical Science 104
  Political Science 82
  Psychology 83
  Respiratory Therapy 90
  Social Science 85
  Social Work 97
  Sociology 86
  Spanish 146
Map, College 191
Masters Degree 21
Math Center 59
Mathematical Sciences 102, 139
Medical Technology 89, 142
Midsemester Deficiency Reports 55
Military Education Credit 52
Military Science 95, 143
Minority Affairs 43
Minors 62
  Interdisciplinary Minors 62
  at UMES 63
Mission (of the College) 9
Modern Language 78, 144
  French 79
  German 145
  Spanish 146
Motor Vehicle Registration 34
Music 80, 149

Notice to Students 2
Nursing 87, 152
Orientation and Testing for New Students 35
Organizations, Student 36
Outstanding Academic Achievement 54
Part-time Students 47
Pass/Fail Credit Option 53
Payment to the College 26
Philosophy Department 81, 153
Physical Education and Health 96, 156
Physical Sciences 104
  Chemistry 160
  Geology (see Geography) 135
  Physics 162
Planning(Interdisciplinary Minor) 63
Physically Disabled Students 43
Physics 162
Political Science 82, 163
Pre-Professional Programs 64
  Pre-Dental 64
  Pre-Law 64
  Pre-Medical 64
  Pre-Pharmacy 64
  Pre-Veterinary 64
Psychology 83, 165
Public Safety 34
Reading Center 59
Readmission
  with Transfer Credits 56
Refunds, Policies 27
  Eligibility 26
Registration, General Regulations 52
Repeating a Course 54
Repeating a Special
  Topics Course 54
Requirements for Graduation 57
Residence Halls 35
Residency Classification for Tuition
  Purposes 19
Respiratory Therapy 90, 167
Rooms 25, 35
R.O.T.C. 39, 143
Schedule-Adjustment Period 53
Scholarships 30
Schools of
  Business 65
  Liberal Arts 71
  Nursing and Health Sciences 87
  Professional Studies 92
  Science 98
Second Bachelor's Degree Program 58
Secondary Education 94
Servicemen's Opportunity College 16
Social and Service Sororities
  and Fraternities 41
Social Science 85, 169
Social Work 97, 169
Sociology and Anthropology 86, 171
Sororities 41
Spanish 146
Special Articulation Agreements
  with Community Colleges 48
Special Students 47
  Continuing Education 21
  Definition 47
Special Students, Continuing
  Education 21
Special Topics Course 54
Sports 34
Student Aid 29
Student Clubs and Organizations 36
  Alpha Omega Biological Society 36
  Baptist Student Ministries 36
  Black Student Union 36
  Business and Economics Society 36
  Campus Crusade for Christ 36
  Circulo Quijote 36
  English Club 36
  Evergreen 36
  The Flyer 36
  French Club 37
  Geographic Society 37
  German Club 37
  History and Political Society 37
  Honors Student Association 37
  International Student Organization 37
  Institute for Retired Persons 37
  Math Club 37
  Medical Careers Club 37
  Music Ensembles 38
  National Association of Accountants 38
  NAACP 38
  Newman Club 38
  Outdoor Club 38
  Phi Beta Lambda 38
  Philosophical Society 38
  Physical Science Club 39
  Psychology Club 38
  ROTC Rangers 39
  Salisbury State College Dance Co 39
  Salisbury State Program Board 39
  Salisbury State Theatre Association 39
  Scarab 39
  Social Work Club 39
  Sports Clubs and Organizations 39
  Student National Education Association 40
  Student Nurses Association 40
  Student Senate Appropriations Board 40
  Women's Center 40
  WSSC Campus Radio 40
Student Employment 44
  Off-Campus Student Employment 44
  On-Campus Student Employment 44
Student Directory Information 44
Student Services and Programs 32
Summer School, Calendar 7
Supportive Services 59
Table of Contents 5
Teacher Education, Programs, NASDTEC
  Approved 94
Testing Programs
  (See Credit by Examination) 51
Transcripts 60
Transfer of Credit from other
  Institutions 48
  Community Colleges 48
Transfer Policies, MCHE Text 16
Transfer Students 15
Tuition and Fees 25
Tutoring 59
Unsatisfactory Academic
  Achievemant 55
Vehicle Registration 34
Veteran Students 16
Withdrawal from College 56
  Exit Interview 56
Women's Center 40
Writing Center 59
Writing Proficiency Requirement 52



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